

# CONNECTED ANALYTICS



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# CONTENTS

NAVIGATION AND STANDARD DASHBOARDS	7
1.1 Standard Dashboards	8
1.1.1 Dashboard Management	11
Dashboard Management	12
1.2 Explore Permissions	13
1.3 Dashboard Folders	15
1.3.1 Folder Creation	15
1.3 Step by Step 1 – Create Dashboard Folders	15
1.3.2 Move Dashboards to a Folder	
1.3 Step by Step 2 – Move a Dashboard into a Folder	18
1.4 Dashboard Favorites	20
1.5 Dashboard Sharing and Collaboration	20
1.5.1 Set a Dashboard as Your Default	21
1.5.2 Share a Dashboard with Others	22
1.5 Step by Step 1 – Share a Customized System Dashboard	22
1.5.3 Collaborate on a Shared Dashboard with Others	26
1.5.4 Remove Sharing	27
1.5 Step by Step 2 – Remove Sharing	27
1.5.5 Embed External Content	28
1.5 Step by Step 3 – Set-up Adding External Content	28
1.5.5.1 Deleting an Embedded Dashboard	30
1.5 Step by Step 4 – Delete an Embedded Dashboard	31
1.5.6 Share External Content	31
1.5 Step by Step 5 – Share External Content with Others	31
1.6 Dashboard Examples	34
1.6 Step by Step 1 – Package Milesetone Dashboard	35
Package Milestone Header Values	38

1.7.1 API Documentation Overview4CUSTOM DASHBOARDS432.1 Custom Dashboards442.1.1 Edit Dashboard44Edit a Dashboard442.1.2 Dashboard Customization46Create a Graph482.1.3 Save Dashboard562.1.4 Dashboard Printing562.1.5 Add a Bookmark56Add a Bookmark562.2 Dashboard Filtering622.2 Step by Step 1 - Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 - Filter a Dashboard, part 2652.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78	Previewing Meta-data	39
CUSTOM DASHBOARDS432.1 Custom Dashboards442.1.1 Edit Dashboard44Edit a Dashboard442.1.2 Dashboard Customization46Create a Graph482.1.3 Save Dashboard562.1.4 Dashboard Printing562.1.5 Add a Bookmark56Add a Bookmark562.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2652.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78S.1 Mobile Application823.1 Mobile Application823.1.1 Manipulate a dashboard83	1.7 API Documentation	41
2.1 Custom Dashboards442.1.1 Edit Dashboard44Edit a Dashboard442.1.2 Dashboard Customization46Create a Graph482.1.3 Save Dashboard562.1.4 Dashboard Printing582.1.5 Add a Bookmark58Add a Bookmark562.2 Dashboard Filtering622.2 Step by Step 1 - Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 - Filter a Dashboard, part 2652.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy76S.1 Mobile Application823.1 Step by Step 1 - Pull up a dashboard833.1.1 Manipulate a dashboard83	1.7.1 API Documentation Overview	41
2.1.1 Edit Dashboard44Edit a Dashboard442.1.2 Dashboard Customization46Create a Graph482.1.3 Save Dashboard562.1.4 Dashboard Printing582.1.5 Add a Bookmark58Add a Bookmark552.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2652.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78S.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	CUSTOM DASHBOARDS	43
Edit a Dashboard442.1.2 Dashboard Customization46Create a Graph482.1.3 Save Dashboard562.1.4 Dashboard Printing582.1.5 Add a Bookmark58Add a Bookmark58Add a Bookmark562.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2652.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78Step by Step 1 – Pull up a dashboard833.1 Mobile Application833.1.1 Manipulate a dashboard83	2.1 Custom Dashboards	44
2.1.2 Dashboard Customization       46         Create a Graph       48         2.1.3 Save Dashboard       56         2.1.4 Dashboard Printing       58         2.1.5 Add a Bookmark       58         Add a Bookmark       58         2.2 Dashboard Filtering       62         2.2 Step by Step 1 – Filter a Dashboard, part 1       64         2.2.0.1 Filtering Options       66         2.2.0.2 Page Filtering       76         2.2.0.3 Filter On All Pages       77         2.2.0.4 Go to the Next level in the Hierarchy       78 <b>EXPLORE MOBILE</b> 87         3.1 Mobile Application       82         3.1 Manipulate a dashboard       83	2.1.1 Edit Dashboard	44
Create a Graph442.1.3 Save Dashboard562.1.4 Dashboard Printing582.1.5 Add a Bookmark58Add a Bookmark58Add a Bookmark582.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2652.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE873.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	Edit a Dashboard	44
2.1.3 Save Dashboard562.1.4 Dashboard Printing582.1.5 Add a Bookmark58Add a Bookmark592.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2692.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE873.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.1.2 Dashboard Customization	46
2.1.4 Dashboard Printing582.1.5 Add a Bookmark58Add a Bookmark592.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2692.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	Create a Graph	48
2.1.5 Add a Bookmark58Add a Bookmark592.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2692.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.1.3 Save Dashboard	56
Add a Bookmark592.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2692.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.1.4 Dashboard Printing	58
2.2 Dashboard Filtering622.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2692.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.1.5 Add a Bookmark	58
2.2 Step by Step 1 – Filter a Dashboard, part 1642.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2692.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	Add a Bookmark	59
2.2.0.1 Filtering Options662.2 Step by Step 2 – Filter a Dashboard, part 2692.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.2 Dashboard Filtering	62
2.2 Step by Step 2 – Filter a Dashboard, part 2692.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.2 Step by Step 1 – Filter a Dashboard, part 1	64
2.2.0.2 Page Filtering762.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application3.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.2.0.1 Filtering Options	66
2.2.0.3 Filter On All Pages772.2.0.4 Go to the Next level in the Hierarchy78EXPLORE MOBILE3.1 Mobile Application3.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.2 Step by Step 2 – Filter a Dashboard, part 2	69
2.2.0.4 Go to the Next level in the Hierarchy       78         EXPLORE MOBILE       87         3.1 Mobile Application       82         3.1 Step by Step 1 – Pull up a dashboard       83         3.1.1 Manipulate a dashboard       83	2.2.0.2 Page Filtering	76
EXPLORE MOBILE873.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.2.0.3 Filter On All Pages	77
3.1 Mobile Application823.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	2.2.0.4 Go to the Next level in the Hierarchy	78
3.1 Step by Step 1 – Pull up a dashboard833.1.1 Manipulate a dashboard83	EXPLORE MOBILE	81
3.1.1 Manipulate a dashboard	3.1 Mobile Application	82
•	3.1 Step by Step 1 – Pull up a dashboard	83
3.2 Explore frequently asked questions 84	3.1.1 Manipulate a dashboard	83
	3.2 Explore frequently asked questions	84

# **STEP-BY-STEP PROCEDURES**

Dashboard Management	12
1.3 Step by Step 1 – Create Dashboard Folders	15
1.3 Step by Step 2 – Move a Dashboard into a Folder	18
1.5 Step by Step 1 – Share a Customized System Dashboard	22
1.5 Step by Step 2 – Remove Sharing	27
1.5 Step by Step 3 – Set-up Adding External Content	28
1.5 Step by Step 4 – Delete an Embedded Dashboard	31
1.5 Step by Step 5 – Share External Content with Others	31
1.6 Step by Step 1 – Package Milesetone Dashboard	35
Edit a Dashboard	44
Create a Graph	48
Add a Bookmark	59
2.2 Step by Step 1 – Filter a Dashboard, part 1	64
2.2 Step by Step 2 – Filter a Dashboard, part 2	69
3.1 Step by Step 1 – Pull up a dashboard	83

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# NAVIGATION AND STANDARD DASHBOARDS

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# 1.1 STANDARD DASHBOARDS

To access dashboards, click the **Main menu** icon (**E**) at the top. Click **Explore**, and then select **Dashboards**.

You do not have to be signed in to a project or assigned to a particular project to access Explore. Explore is available to all users in an organization that have been assigned the applicable role or permissions and is a separate application from those used in any given project level. The information provided in Explore is not in real time for any given project.

There are multiple out-of-the-box dashboards available in Explore with each having its own refresh schedule, which is determined by the product groups.

Dashboard	Description
Advanced Work Packaging	Leverages the Advanced Work Packaging interface to provide insights into your construction work areas, packages, and individual work plans. Provides granular visibility into Field Execution Plans and helps you understand any constraints such as labor, equipment, material readiness that are impacting your project, how work is being planned, and how the project is progressing in terms of your schedule.
Change Issue	Provides insights into project changes and allows project teams to see the different stages of these changes that are initiated as Issues to become PCOs (Potential Change Orders), and then CCOs (Client Change Orders). All the relevant metrics about Issues, PCOs, and CCOs are shown with the ability to filter the data down by organization, project, and date range. The data in this dashboard is sourced from InEight Change to help you understand trends over time, counts, and values associated to contract changes.
Connected Analytics Index	Provides a catalog of all reporting items contained in Report, Explore and Replicate. This dashboard helps you locate the specific data fields in InEight Reporting APIs and provides updated schema information for each Explore and SelfService API, and Replicate view when your environment upgrades to a new release.
Connected Analytics Utilization	Provides metrics to show utilization by users over time that helps to identify level of engagement with InEight Report and Explore applications. Also provides information on the functionality of the reports that were run.

Dashboard	Description
Contract	Allows you to track your contracts throughout the entire contract lifecycle and provides a single focal point where you can manage contracts and drive action where it is needed. This dashboard can also be launched directly from the Actions menu in InEight Contract.
Control	Offers clear insights into budget performance with Earned Value metrics such as CPI, SPI, PF, and Variances. Visualize Cost, Manhour and Revenue curves pinpoint shortfalls and critical cost items, enabling proactive adjustments to keep projects on track or minimize deviations.
Control Audit	Allows you to track the changes that occurred in the CBS, ACS, Pay Items, and Change Register pages in InEight Control. In the dashboard, you can see who made changes, the items that were changed, and the value amounts in the change. Information captured in the dashboard also lets you to see when a sync between Control and external systems was performed.
Core Project	Provides a comprehensive overview of platform-level items, including organizations, projects, roles, permissions, user role assignments, and logins. This dashboard also provides insights into utilization of each InEight application in the cloud platform by showing the total number of main objects such as the total issue count in Change or cost items in Control.
Estimate	Provides summary of upcoming bid, bid result and the ratio between bid to hit.
Field Execution	A productivity centric dashboard that offers a comprehensive analysis on the field performance. Metrics ranging from Progress Curves, Planned vs Actual, Daily Gain/Loss, Cost/Hours Productivity, Crew Performance, Timesheet Exceptions, Issues and more are available to help identify bottlenecks and proactively make informed decisions to mitigate deviations from project budget. The Time Intelligence filters such as Next Week, Next 3 weeks or Next Month provide users the ability to see future productivity targets, which helps with resource planning.
Manhour Curves	Designed to supplement the Manhour Curves report that is found in InEight Report. The report is very heavily used, but it does not allow for certain changes to be made that can closer suit your business processes. The date slicer at the top allows you to customize the date range, and the curves slicer allows you to select the curves you want to see (earned, actuals, budget, forecast, etc.).

Dashboard	Description
Material Tracking	Allows visibility to see components that do not have materials associated with them and where materials are for work plans that are not ready. In the dashboard you can open a work plan that is marked as not ready, and then drill down to view the components that are missing materials or select another tab to see where material is not assigned to a component.
Model Tracked Issue	This dashboard highlights Issues captured in InEight Model, enabling effective management and prioritization. It provides key details such as due dates, responsible parties, categories, and more to streamline issue resolution.
Operations	Provides an analysis of daily plan performance across the lifespan of a project. Sorts by approver and executor to view the performance of their work. Also measures the work by both account code and CBS position. Various tabs are available in the dashboard for visualizing daily plan performance data.
Package Milestone	Allows you see information about user-defined milestones in the procurement process over time. Also provides detailed bid package information at the line item level with the ability to link back to InEight products.
Portfolio	Consolidating data from multiple InEight applications, this dashboard helps you understand how your projects are progressing and identify areas that might need attention sooner rather than later. The dashboard highlights key metrics and data for your project from Control, Contract, Change, Plan, Progress, and Platform, and shows it in one centralized location. From this information, you can understand the overall health of your projects or utilize this dashboard to compare milestones across.
Project Controls	An earned value-centric dashboard that provides a detailed and holistic view of budget performance. This dashboard encompasses all key EV metrics, including budgets, estimates, forecasts, actuals, revenues, changes, and resources that provides valuable insights to help track and manage financial performance throughout the project lifecycle. By visualizing these metrics in one place, the dashboard enables teams to assess trends, identify variances, and make data-driven decisions to maintain control over costs and resources. This dashboard also facilitates a Data Integrity Health Check, pinpointing exceptions and inconsistencies—an essential feature for maintaining robust and reliable cost management within InEight Control.

Dashboard	Description
Project Performance	Allows for the selection of multiple projects to see earned versus actual comparisons of cost and manhours. Also shows CE and CB information by cost item or account code and provides a list of change order details and the totals of cost and budget adjustment from the items.
Schedule	Provides comprehensive insights into project schedules, offering detailed activity and schedule comparisons, float trend analysis, and resource utilization tracking. It includes high-level risk and opportunity overviews, deeper analyses of threats and mitigations, and a centralized event register. With industry-standard schedule quality metrics and tools to evaluate mitigation efforts, this dashboard ensures users can trust their data while identifying risks, opportunities, and areas requiring attention across progress updates or what-if scenarios.
Work Planning	Utilizes the Advanced Work Packaging module to deliver detailed insights into construction areas, construction work packages, and specific plans (IWPs). Offers a clear view of field execution plans while highlighting constraints such as workforce, equipment, and materials that might affect progress. This dashboard provides a better understanding of how tasks are being organized and the project's advancement relative to the timeline.

## 1.1.1 DASHBOARD MANAGEMENT

This Explore settings page lets administrators hide dashboards at the organization level, control the dashboard refresh schedule, and initiate a dashboard refresh on demand. You must have the role of Organization Admin (or above) and the required permissions to view and access the Dashboard Management page.

Explore settings	Select all
Access explore settings	

#### DASHBOARD MANAGEMENT

- 1. To manage dashboards, click the **Main menu** icon (**E**), and then select an organization.
- 2. Go to Settings > Explore > Dashboard Management.

L					DASHBOARD MANAGER	1ENT				
	C Refresh user data ① Last	data refresh: 10/23/2024 04:13 AM								Sa
C	ashboard	Modified date	Modified by	Visibility	Last successful refresh	Refresh status	Schedule status	Next refresh	Average refre	Refresh schedule
	т	month/day/year 📋 🝸	T	(All) v	month/day/year 🗒 🝸	T	(All)	month/day/year	Û, T	
	Advanced Work Packaging Dashboard	04/19/2023 12:28 PM	Aaron Hoppe		10/22/2024 02:07 PM	Success	Active	10/23/2024 02:00 PM	3m	Set schedule
	Change issue dashboard	10/06/2024 10:11 PM	System		10/03/2024 03:31 PM	Success	Disabled			🗂 Set schedule
	Connected Analytics Index	08/13/2024 09:06 PM	System		10/21/2024 03:54 PM	<ul> <li>Success</li> </ul>	Disabled			🗂 Set schedule
	Connected analytics utilization	06/18/2021 08:47 PM	System		10/23/2024 02:04 AM	Success	Active	10/24/2024 02:00 AM		🗂 Set schedule
	Contract dashboard	05/18/2021 08:47 PM	System		10/23/2024 03:36 AM	Success	Active	10/23/2024 08:30 AM	5m	🗂 Set schedule
	Control Audit Dashboard	06/29/2022 08:59 AM	System		10/23/2024 01:35 AM	Success	Active	10/24/2024 01:30 AM	3m	🗂 Set schedule
	Control Dashboard	07/30/2024 12:37 PM	Aaron Hoppe		10/22/2024 06:08 PM	Success	Active	10/23/2024 06:00 PM	5m	Set schedule
	Core Project Information	02/12/2024 08:52 AM	Aaron Hoppe		10/23/2024 01:06 AM	Success	Active	10/24/2024 01:00 AM	2m	🗂 Set schedule
	Design Deliverables Tracker	02/12/2024 08:53 AM	Aaron Hoppe		10/22/2024 10:04 PM	Success	Active	10/23/2024 10:00 PM		🗂 Set schedule
	Design Project Delivery	09/11/2024 02:35 PM	System		10/19/2024 02:09 PM	O Success	Disabled		6m	Set schedule

The page shows a list of the organization dashboards where you can do the following:

- · Set to show or hide the dashboard for the organization
- See the dashboard refresh status. If the status is *Failed*, click the link to view the error message
- See the average refresh time to help when adjusting schedules and to avoid having multiple dashboards refresh at the same time.

The Refresh user data button lets an administrator refresh user data in the background. For example, Explore users that are granted new permissions and need access to in-app dashboards right away. Normally, a user would have to wait for the overnight refresh to be able to view dashboards.

3. To define the refresh schedule, click **Set schedule**. The Dashboard refresh slide-out panel opens. At the top it shows the number of times per day that the dashboard can be refreshed.

	Demo 21.5		¢	_	٢
				‡≣	Q
Next refresh					
06/05/2021 5:00:00 AM	Dashboard refresh 1 of 1 daily refreshes available				>
	Refresh schedule				$\overline{\mathbf{O}}$
06/05/2021 2:00:00 AM	Frequency				
06/05/2021 1:00:00 AM	Daily				•
06/06/2021 5:00:00 AM	Time zone (UTC-07:00) Mountain Time (I	IS & Can	ada)		
06/05/2021 6:00:00 AM	Time		000)		
	4 <b>v</b> 00	•	AM	•	8
06/05/2021 12:00:00 AM	⊙ Add				
06/05/2021 3:00:00 AM					
06/04/2021 9:00:00 PM					
06/04/2021 10:00:00 PM					
06/04/2021 11:00:00 PM					
	Refresh now		ancel		Save

- 4. Set the Refresh schedule toggle to view and make changes to the settings. You can click **Refresh now** to manually refresh the selected dashboard. A manual refresh does not count towards the available number of daily scheduled refreshes.
- 5. Click **Save** to set the refresh schedule.

# **1.2 EXPLORE PERMISSIONS**

To access dashboards and APIs, you must be assigned a role with applicable permissions, which are defined by a system administrator. Permissions are pre-assigned to roles that are based on functional areas, such as project management, construction management, field office, operations, finance, compliance, and administration that let you run reports tagged with the same permission assigned to one of the roles. For more details, refer to Roles and Permissions in InEight Platform. Permissions are configured in Suite Administration > Roles and permissions > Permissions > **Explore**.

Permission Name	Description	Level
View shared dashboards and embedded	Allows users to see only dashboards and embedded content that has been shared with them individually. This will hide all standard dashboards for users with this permission.	Base user

Permission Name	Description	Level
content only		
View dashboards and embedded content	Allows users to view standard dashboards (data level permissions are allowed to the projects users are assigned to in Platform), custom dashboards that have been shared with them, add/edit external content, and view external content that has been shared with them. This permission also gives users access to create, edit, and delete their own folders (these folders are only available at the individual user level). This permission is the parent of all other permissions in Explore > Dashboards.	Base user
View estimate dashboard	Allows users to view the Estimate dashboard and any other custom derivatives of this dashboard that have been shared with them.	Base user
Edit and delete custom dashboards	Allows you to edit and save custom versions of the standard dashboards, this permission does not give sharing access. This permission is necessary for you to be added as a collaborator on a dashboard that is shared. Allows users to edit and save custom versions of the standard dashboards, this permission does not give sharing access. This permission is necessary for a user to be added as a collaborator on a dashboard shared with them.	Base user
User level sharing	Allows users to share your custom dashboards and embedded content with other individual users.	Base user
Project level sharing	Allows users to share their custom dashboards and embedded content with all the users on a project, users can only do this for projects they are assigned to in Platform.	Project Admin
Organization level sharing	Allows users to share their custom dashboards and embedded content with all the users in an organization, users can only do this for organizations they are assigned to in Platform.	Org Admin
Reporting APIs	Allows a user to access to all the data in the reporting APIs for the selected products.	Base user
Access Explore settings	Allows users to access and utilize all the functionality on the Organization Settings > Explore page. This page allows users to control the visibility of dashboards for the whole organization, as well as the dashboard refresh schedules, and execute ad hoc	Org Admin

Permission Name	Description	Level
	refreshes. This permission also grants users access to see every custom dashboard built in the environment when in the Explore application.	

# **1.3 DASHBOARD FOLDERS**

In Explore, you can create folders to organize the various types of dashboards you create. This can help to easily identify dashboards you may refer to on a weekly basis versus monthly basis or dashboards you create for an executive level versus a field operations level. In a later lesson, you will learn how to modify and create these additional dashboards.

# 1.3.1 FOLDER CREATION

The following Step by Step walks through the two ways you can create a dashboard folder.

#### 1.3 STEP BY STEP 1 – CREATE DASHBOARD FOLDERS

#### OPTION 1:

1. From the Dashboards page, click the **Add Folder** icon to add a folder.

A	ll dashboards		•
Ģ		Search	۹
	Add folder		I
	Change issue dashbo Modified on: 04/24/2019 Created by: System	pard 12:51:25 AM	☆ ▮

- A dialog box opens and prompts you to name the folder
- 2. In the Save Folder As field, type **Example Folder**, and then click **Save**.

Save folder as Example Folder	$\times$
Cancel Save	

• The new folder will now show on the left panel as shown below.

A	II dashboards			•
G	Ð	Search	0	
	✓ 🖿 Example Folder			•
	✓ 🖿 Others			:
	Change issue dashboard Modified on: 04/24/2019 12:51:25	АМ	☆	:

#### OPTION 2:

- 1. Click the three Ellipses Context menu icon to the right of the new Example Folder.
  - A slide-out panel opens
- 2. Click Add Folder.

Ŧ	Add folder	$\mathbb{Z}$ $\otimes$ <	
	Example Folder	Add folder	]
	Change issue dashboard Last data refresh: 02/02/2020 08:12 PM Created by: System	E Delete folder	3
	Connected analytics utilization Last data refresh: 02/02/2020 10:56 PM Created by: System	Move into folder	
	Contract dashboard Last data refresh: 02/03/2020 01:19 PM	Sec.	

3. In the Save folder As field, type **Example Folder 2**, and then click **Save**.

Save folder as Example Folder 2	$\times$
Cancel Save	

#### • A sub-folder has been created

All dashboards		•
(±	Search	٩
🗄 🥆 🍃 Example Folder		:
🗄 🗸 🖿 Example	e Folder 2	:

Besides adding folders, you can edit, share, move, set as the default dashboard or delete the dashboard via this same Context menu icon.

Example Folder 2		
Operations dashboard Last data refreate 06/11/2020 02:54 AM Created by: System		
Ops Dashboard - KL Last data refresh: 06/11/2020 02:54 AM Created by: Karen Loftus		Edit dashboard
All Products () Created date: 06/08/2020 01:52 PM Created by: Natalie Takacs	14	Sharing Move into folde
Change issue dashboard Last dar refresh: 05/10/2020 05:39 PM Created by: System		Move into toide
Connected analytics utilization Last data refresh: 05/17/2020 10:43 PM Created by: System	-	Set as default
Contract dashboard Last data refresh: 06/10/2020 08:40 PM Created by: System	믕	Print
Contract Dashboard - KL Last data refresh: 05/10/2020 08:40 PM Created by Karen Loftus	$\otimes$	Delete dashboa

## 1.3.2 MOVE DASHBOARDS TO A FOLDER

The following steps walk you through how to move a dashboard into a folder.

TIP

#### 1.3 STEP BY STEP 2 – MOVE A DASHBOARD INTO A FOLDER

- 1. From the Dashboards page, click the **three-ellipses Context menu** icon of the Operations dashboard.
- 2. Click Move into Folder.

[÷	]  🗹 🛞 <	Daily P
	Created by: System	Project
	Material tracking dashboard Last data refresh: 03/12/2020 12:08 AM Created by: System	All
	nat test Last data refresh: 03/11/2020 08:49 PM Created by: Natalie Takacs	Plan Status
	OGC - Quantity Reports Last data refresh: 03/12/2020 02:56 AM Created by: jakob sjuts-ptr	I All
	Operations dashboard (Default) Last data refresh: 03/12/2020 02:56 AM Created by: System	Edit dashboard
	Operations Dashboard - Catie Last data refresh: 03/12/2020 02:56 AM Created by: Catie Williams	Move into folder
	Operations- my org New! Last data refresh: 03/12/2020 02:56 AM Created by: Natalie Takacs	C Project

• A dialog box opens with a drop-down list to select the folder for which you want to move the dashboard into

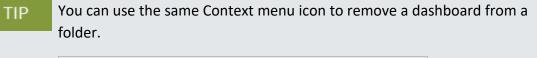
					)
Mov	e dashboard	Operations	dashboard in	to folder	
				•	
_					
			Cancel	Save	
			Counter		

3. Click the drop-down arrow, and then select **Example Folder**.

	Move dashboard Operations dashboard into folder		×
	<ul> <li>Example Folder</li> <li>Example Folder 2</li> </ul>	*	:0:
nk.	∧ 🖕 Others		
ик tract Cost	Description I Was . Do Not Like or Delete (mi		50)

- 4. Click Save.
  - The Operations dashboard will now be located within the Example folder





Ex	plore		•	«	
A	JI (22)	Search	Q		
[+	Add folder	<b>(</b>	×	.e 6	
	A 🗃 Example Folder		:		
	Example Folder 2		:		Daily Plan Summ
	Operations dashboard (Default) Last data refresh: 02/04/2020 02:36 AM Created by: System		<b>k</b> I		Edit dashboard
	Change issue dashboard Last data refresh: 02/03/2020 05:33 PM Created by: System		:		
	Connected analytics utilization Last data refresh: 02/03/2020 09:50 PM Created by: System		:	Ū.	
	Contract dashboard				

the second secon

Project performance dashboard Last data refresh: 02/03/2020 08:59 PM Craated by: Sectem

# **1.4 DASHBOARD FAVORITES**

You can mark one or more dashboards as your favorite by clicking the **Favorites** icon on the right side of any dashboard. This can be done on the two system-created dashboards or any dashboards you create. This is a convenient way to access dashboards that you use often.

Click the Favorites icon next to the Project Performance dashboard.

The dashboard now shows up under the Favorites header when selected from the drop-NOTE down list. The star remains yellow. **«** Explore Search... Favorites (4) . All (27) Favorites (4) Shared (0) 1 Shared with me (2) board (Default) i 3/12/2020 02:56 AM External content (0) meight compliance forms dashboard Last data refresh: 03/12/2020 01:04 PM Created by: System KL manhour curves Last data refresh: 03/12/2020 12:25 AM Created by: Karen Loftus Project performance dashboard i Last data refresh: 03/11/2020 08:49 PM Created by: System

# 1.5 DASHBOARD SHARING AND COLLABORATION

The concept behind sharing a dashboard evolved as a means to save time and energy for those working together who share similar data needs. Sharing a dashboard may be a perfect option when the original dashboard doesn't need to be edited by the person who is viewing the shared dashboard.

Collaboration goes a step further by granting the person with whom the dashboard is shared, permission to collaborate on and edit the dashboard. Think of collaboration as a subset of sharing, meaning you cannot collaborate on a dashboard until the dashboard is able to be shared. Only system dashboards that you personally have edited and renamed can be shared.

To share a system dashboard you must first save it as your default dashboard, re-save and re-name the dashboard, and then you can share or collaborate.

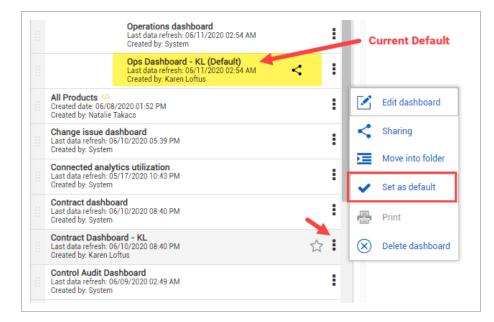
The word "Default" after the dashboard name represents your default dashboard, and Sharing is grayed out and unavailable as it is a default dashboard setting.

## 1.5.1 SET A DASHBOARD AS YOUR DEFAULT

Initially, no single dashboard in InEight Explore is considered your default dashboard. Until you choose to share a dashboard, or collaborate with others, does it become an important function.

In order to share or collaborate with others on a dashboard <u>you initiate</u>, it must first be set as your default dashboard.

To set or change a dashboard as your default:



1. Click the 3-dot ellipses on the right side of your desired dashboard.

- 2. Select Set as default.
  - You have now set (or changed) your default dashboard

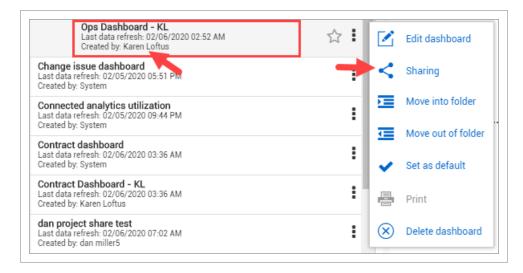
## 1.5.2 SHARE A DASHBOARD WITH OTHERS

After a dashboard is shown as your default, the Sharing option becomes available to you.

The Operations Dashboard below does not have the Sharing option available as it is a System dashboard and it has not yet been set as the default and re-named.



Conversely, the personalized, re-named dashboard called Ops Dashboard – KL has the Sharing option available.



#### 1.5 STEP BY STEP 1 – SHARE A CUSTOMIZED SYSTEM DASHBOARD

- 1. Select a system dashboard to share.
- 2. Click the **3 dot ellipses** on the right side of the system dashboard name.

3. Click Set as Default.

	Operations dashboard Last data refresh: 02/06/2020 02:52 AM Created by: System			Edit dashboard
Change issue da Last data refresh: 02 Created by: System	<b>shboard</b> 2/05/2020 05:51 PM	:	▣	Move into folder
Connected analy Last data refresh: 02 Created by: System	tics utilization //05/2020 09:44 PM	:	▣	Move out of folder Set as default
Contract dashbo Last data refresh: 02 Created by: System	ard 2/06/2020 03:36 AM	:	<ul> <li>✓</li> <li>▲</li> </ul>	Print
Contract Dashbo	ard - KL (Default)			-

- 4. Click the **3 dot ellipses** again.
- 5. Click Edit Dashboard.
- 6. Make edits and go to File > Save As.
- 7. Re-name the dashboard.
- 8. Click Save.

Save this dashboard as	×
Ops Dashboard - KL	
Cancel	Save

9. From the newly named dashboard, click the **Sharing** option.

Opt	s Dashboard - KL I data refresh: 03/12/2020 02:56 AM	<b>``</b> ;	All	
Crea	ited by: Karen Loftus	· · · · · · · · · · · · · · · · · · ·	Edit dashboard	
Change issue dashboar Last data refresh: 03/11/20 Created by: System	rd 20 05:50 PM	· ' <	Sharing	ŀ
Connected analytics ut Last data refresh: 03/11/20 Created by: System	ilization 2010:31 PM	: 🗉	Move into folder	1
Contract dashboard (D Last data refresh: 03/12/20 Created by: System	efault) 20 01:27 PM	: 🗉	Move out of folder	1
Contract Dashboard - H Last data refresh: 03/12/20 Created by: Karen Loftus		: 🎽	Set as default	Syr
dan project share test Last data refresh: 03/12/20 Created by: dan miller5	20 01:04 PM	:	Print Delete dashboard	
Dan share 1 Last data refresh: 03/11/20	20.05-50.PM			1

- 10. Select with whom you would like to share the dashboard by selecting an option from the drop-down list. Options include:
  - Organization
  - Project
  - Person

Person	
Organization Users who have access to the organizati	on
Project Users who have access to the project	
Person Users who have access to the system	
Projects	
No shares selected Organizations	
No shares selected	
urrent selections	

• For example, if you choose to add a person, you can begin typing the name of a person's email address to be guided to select an individual. A similar concept is

available for Project and Organization

•	Share dashboard with		X
	Dashboard Ops Dashboard KL		
_	Person	•	
	paul.be	Q	
	Paul.bennion@ineight.com	÷	
	Users	Can edit	
	No shares selected		
	Projects		
	No shares selected		
	Organizations		
	No shares selected		
	Current selections		
		Cancel Share	
	•		

#### 11. Click Share.

- A Dashboard Shared notification will briefly appear on the top of your screen
- Now, the Shared icon is visible to the right of the dashboard name

Ops Dashboard - KL Land data inferite 100% 2020 02:52 AM Package milestone dashboard Land data inferite 100% 2020 02:07 M

12. NOTE Elevated permissions are required to share at the project and org level.

NOTE Use caution when using the Organization option, as all individuals will see this new dashboard option upon their next sign-on to Explore.

With each new log in to Explore, newly shared dashboards will show the yellow **New!** tag next to the dashboard name. Afterward, the New indicator will not show. Hovering over the **Share** icon indicates if the dashboard is being shared with you, or if you are sharing the dashboard with others.

A black **Share** icon indicates a dashboard is shared by you.



A blue Share icon indicates a dashboard is shared with you.

 Collaboration - Catie Testing Last data refresh: 01/31/2020 04:02 AM Created by: Catie Williams	This dashboard is being shared to you
 collaboration Test Last data refresh: 01/31/2020 12:46 AM Created by: Natalie Takacs	

Click the blue **Sharing** icon to view the Sharing details for that specific shared dashboard. Click **Close** to return to the dashboard.

While you cannot edit others' dashboards, you can save your own copy of it and make your own modifications to it. When changes are made by you, others whom you share the dashboard with will also see your changes.

# 1.5.3 COLLABORATE ON A SHARED DASHBOARD WITH OTHERS

Collaborating on a dashboard gives the person with whom the dashboard is shared not only the permission to view it, but also to edit the file. Any changes made will be visible to all parties who have access to the shared dashboard.

Using the process above, once you have gotten to the step of selecting who the dashboard will be shared with, in our example, we'll be sharing the dashboard with just one person.

Checking the **Can Edit** box and then clicking **Share** provides the person, project or organization the ability to collaborate with you on the shared dashboard.

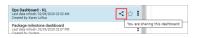
Destheard One Dashboard - Ki	
Dashboard Ops Dashboard - KL	
Person	•
	Q,
Type a person's name	
SHARE WITH	
Users	Can edit
Paul.bennion@ineight.com	- Em -
Projects	
No shares selected	
Organizations	
No shares selected	
Current selections	
⊖ Remove all sharing	Cancel

# 1.5.4 REMOVE SHARING

For any dashboard you create and share, you may also remove sharing. By hovering over the **Sharing** icon, you can identify the reports you have shared with others.

#### 1.5 STEP BY STEP 2 – REMOVE SHARING

1. Click the black **Sharing** icon.



2. Either select **Remove all sharing** to remove all people from sharing mode, or the click the **Remove Sharing** red circles next to the names of those to remove.

ipe a person's name	
HARE WITH	
Users Can edit	
Paul.bennion@ineight.com	$\odot$
Natalie.Takacs@INEIGHT.COM	Θ
Projects	-
No shares selected	
Organizations	
No shares selected	
urrent selections	

- This change is instantaneous
- · A dialog box will briefly appear to confirm the removal has occurred

## **1.5.5 EMBED EXTERNAL CONTENT**

Embedding external content in InEight Explore means you can expose dashboards you have on your Power BI service or Tableau server in the InEight Explore application.

While your organization is still responsible for maintaining security and maintenance of the dashboards and data behind them, you can have all your dashboards in one place and it eliminates the need to bounce around different windows to look at dashboards that may contain more than just InEight Application data.

#### 1.5 STEP BY STEP 3 – SET-UP ADDING EXTERNAL CONTENT

1. Click the Add External Content icon.

· ·	Dashboar
	«
Search	Q
	Search

- 2. In the dialog box, add the **name** for the new report, in addition to the **Source** for the external content.
- 3. Click Save.

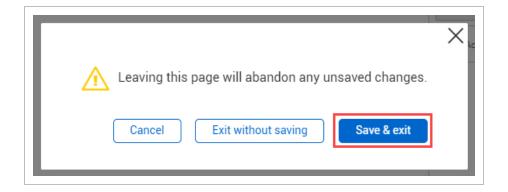
Name	Source
	https://www.ineight.com
	Hint: please provide a url beginning with https://
managed by InEigl	of external links including the sites or tools the links relate to ("links") are not supported or ht. InEight is not responsible for content on or access to links. Issues with content or need to be referred to the link owner. InEight assumes no legal liability or responsibility

# TIP Click the **Instruction** icon to be taken to the Guide for embedding content in Explore.

• The resulting saved report appears alphabetically in your list of reports. The External Content identifier is also shown.

[+	]    🗹 🛞 <	
	Last data refresh: 03/12/2020 03:02 PM Created by: dan miller5	:
	Embed Test Created date: 03/12/2020 03:44 PM Created by: Karen Loftus	:
	InEight Compliance forms dashboard Last data refresh: 03/12/2020 03:02 PM Created by: System	<del>+</del> 1

- Clicking on this dashboard takes you to the https:// Source page shown above
- 4. Before leaving the page, and in the event you need to save this new report, click the **Save** & Exit button.



5. This allows you to type in a **dashboard name**, and then click **Save**.

	Х
Save this dashboard as	
DB with Embedded External Content	
Cancel	

6. Search for the resulting dashboard, again alphabetically.



#### 1.5.5.1 DELETING AN EMBEDDED DASHBOARD

As with other dashboards, dashboards with embedded external content can be deleted.

#### 1.5 STEP BY STEP 4 – DELETE AN EMBEDDED DASHBOARD

- 1. From the list of dashboards, click on the desired dashboard to delete.
- 2. Click the Delete Dashboard icon.



3. You will be asked to confirm the deletion. Click Yes.

	$\times$
Are you sure you want to delete Embed Test 2?	
Yes No	

## 1.5.6 SHARE EXTERNAL CONTENT

Sharing embedded content allows you to have one place to view all reporting and ensures that everyone in your organization is looking at the same reporting.

#### 1.5 STEP BY STEP 5 – SHARE EXTERNAL CONTENT WITH OTHERS

1. To share external content that you have already embedded into Explore, click the **Sharing** icon, and then the **vertical ellipses** for the external content.

Control Audit Dashboard Last data refresh: 06/09/2020 02:49 AM Created by: System	1		Edit external content
dan project share test Last data refresh: 06/11/2020 09:22 PM Created by: dan miller5		<	Sharing
ddd Last data refresh: 06/11/2020 09:22 PM Created by: dan miller5	:	<ul> <li>Image: A state of the state of</li></ul>	Move into folder Set as default
Embedded content      Created date: 06/12/2020 05:54 AM Created by: Karen Loftus	☆ :	$\otimes$	Delete external content
Embedded sharing 🚸 Created date: 03/20/2020 09:27 AM Created by: Natalie Takacs	< 1		

2. Then in the dialog box, select the appropriate Organization, Project or Person from the drop-down list to apply sharing.

ashboard Ops Dashboard - KL	
Person	
Organization Users who have access to the organization	
_	
Project Users who have access to the project	
Person	
Users who have access to the system	
Projects	
No shares selected	
Organizations	
No shares selected	
urrent selections	
Remove all sharing	Cancel

3. When a dashboard is shared with you, if you already have a Power BI login, click **Sign-In**.



Please sign in to view this report



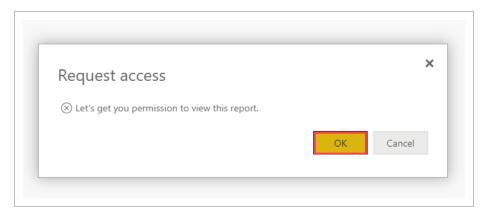
4. To request access to a shared report, click the Request access button.



To view this report, ask the author for access



5. Depending on your authorization level, you may get another dialog box to request access. Click **OK**.



6. You can add a personal note, and then click **Send request**.

Request access	>
Submit a request below.	
Add a note (optional)	
	Send request Cancel
	Send request Cancel

# NOTE Clicking the **Sharing** icon of any dashboard that has been shared with you results in a dialog box indicating the source, owner and created date for the share.

Sharing det	ails
Source	https://app.powerbi.com/reportEmbed?reportId=ab983255-5899-47d5- 8707-112da38ea971&groupId=ca9a65a5-7bd5-4a27-84ad- 530f05854209&autoAuth=true&ctid=bd552577-889f-46d7-9b56- f1220279c9c0&config=eyJjbHVzdGVyVXJsIjoiaHR0cHM6Ly93YWJpLXd lc3QtdXMtcmVkaXJIY3QuYW5hbHIzaXMud2luZG93cy5uZXQvIn0%3D
Owner	Natalie Takacs
Created date	03/20/2020 09:27 AM
	Close

# **1.6 DASHBOARD EXAMPLES**

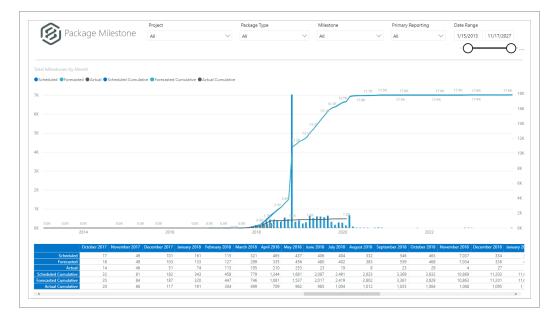
The Package Milestone dashboard lets you see information about user-defined milestones in the procurement process over time. A second tab details bid package information at the line item level with the ability to link back to InEight products.

#### 1.6 STEP BY STEP 1 – PACKAGE MILESETONE DASHBOARD

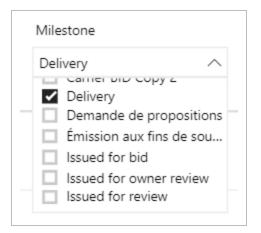
1. From the Dashboards page, click the Package Milestone dashboard.



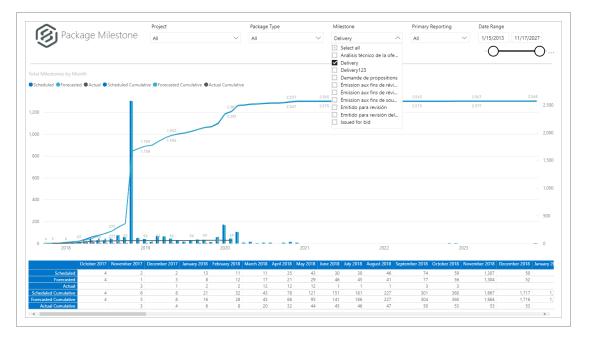
- 2. Select a Project drop-down title.
  - Note you may also scroll to search for a project or type in a project name in the search bar to select a project
- 3. Click Select All.
- 4. Close the Dashboards panel.
  - The summaries, graphs and data presented here are specific to this project
  - You should see the updated Package Milestone dashboard as shown below



5. From the Milestone drop-down list, deselect all but the Delivery item.



#### 6. The graph now changes:



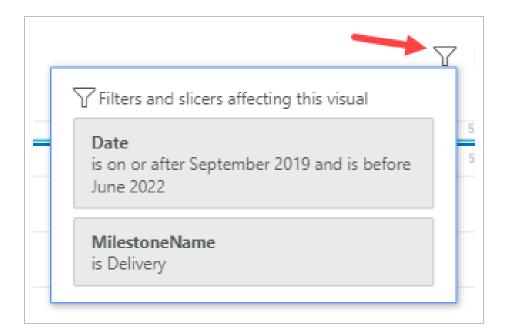
- 7. Change the Date Range to a shorter period of time.
- 8. Click the light blue colored **Forecasted Cumulative column for the tallest month**. Your report should look like something like this:



- 9. Click the **Focus** icon for a better view of the graph.
- 10. Click < Back to Report to return to the main view.

K Back to report	TOTAL MILESTONES BY MONTH
Scheduled Forecast	ed  Actual  Scheduled Cumulative  Forecasted Cumulative  Actual Cumulative

- 11. Click the **Filter**, icon, on the upper right side of the graph.
- 12. Notice now the two filters that appear, Date and MilestoneName. Click **outside the box** to close the dialog box.



#### PACKAGE MILESTONE HEADER VALUES

The following table provides explanation of scheduled, forecasted, actual and cumulative (scheduled, forecasted and actual) packages at user-defined milestones.

Term	Definition
Project	Identifies the project.
Package Type	Identifies the project options.
Milestone	Identifies the user-defined step in the project.
Date Range	Dates, as selected in the calendar.

		Package Type		Milestone		Primary Repo	rting	Date Range	
$\sim$	$\sim$	All	$\sim$	Delivery	$\sim$	All	$\sim$	9/30/2019	6/11/2022
$\sim$	$\sim$	All	$\sim$	Delivery	$\sim$	All	$\checkmark$	9/30/2019	

Click the **Schedule Detail** tab at the bottom of the page.

G	Packag	e Milestone Graph All	~	Package Type All	$\sim$	Milestone Name Delivery	$\vee$	Date Range 9/30/2019 6/1	1/2022	
ate	Package Id	LIRI	Description	Status	Package Type	Milestone	Discipline	Scheduled	Torecasted	
								Completion	Completion	<u>^</u>
		projectId=54#/addBidPackage/overviewPackage/3939	(	review						
		/AppContract/Packages? projectId=3#/addBidPackage/overviewPackage/4046		Issued for owner review						
		/AppContract/Packages? projectId=3#/addBidPackage/overviewPackage/4162	Anchor Bolts / Embeds	Issued for owner review	Permanent material		Concrete			
nuary 2020	4276	/AppContract/Packages? projectId=3#/addBidPackage/overviewPackage/4276	Anchor Bolts / Embeds	Issued for owner review	Permanent material	Delivery	Concrete	01/28/2020	1/28/2020	
		/AppContract/Packages? projectId=75#/addBidPackage/overviewPackage/4351		Issued for owner review	Permanent material	Delivery				
		/AppContract/Packages? projectId=10889#/addBidPackage/overviewPackage/43 1								
		/AppContract/Packages? projectId=10889#/addBidPackage/overviewPackage/43 2								
		/AppContract/Packages? projectId=3#/addBidPackage/overviewPackage/4363								
										11
		/AppContract/Packages? projectId=3#/addBidPackage/overviewPackage/4371								
					Permanent material					
		/AppContract/Packages? projectId=3#/addBidPackage/overviewPackage/4367			Permanent material					
		/AppContract/Packages? projectId=82#/addBidPackage/overviewPackage/685				Delivery				
		/AppContract/Packages? projectId=54#/addBidPackage/overviewPackage/3895	Heat Exchangers - Plate and Frame							
			Fuel Gas Ball Valves							
		/AppContract/Packages? projectId=54#/addBidPackage/overviewPackage/3913			Permanent material					~
									>	

• In this view, line item level detail is available with the ability to link back to other InEight applications. Filtering, sorting and adjusting column width are options available for further ease in analysis.

#### **PREVIEWING META-DATA**

Right-click on any header, and then select **Visual table** to view the meta-data further.



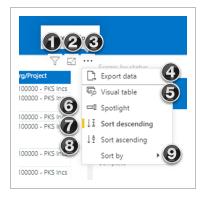
Detailed data will appear:

ate, Package Id, URL, Description, Status, Package Type, Milestone, Discipline, Scheduled Completion, Forecasted Completion, Actual Date, Available Float	Remaini
xtober 2019, 170, /AppContract/Packages?projectid=73#/addBidPackage/overviewPackage/170, HV/MV Terminations and Transformer Oli Fili, Letter of Intent/Award, Subcontract, Delivery, Subcontracts, 10/01/2019, 10/1/2019, 0	
xctober 2019, 171, /AppContract/Packages?projectId=73#/addBidPackage/overviewPackage/171, Fiber Optic Cable Gland and Termination, Letter of Intent/Award, Subcontract, Delivery, Subcontracts, 10/01/2019, 10/1/2019, 0	
https://doi.org/10.1016/j.com/actionality.com/a<	
ctober 2019, 1057, /AppContract/Packages?projectid=73#/addBidPackage/overviewPackage/1057, Site/Yard FW/Fitting Coating, Issued for review, Subcontract, Delivery, Subcontracts, 10/01/2019, 10/1/2019, 0	
ctober 2019, 3823, /AppContract/Packages?projectId=1#/addBidPackage/overviewPackage/3823, TestPane, Issued for owner review, Engineered equipment, Delivery, Building, 10/01/2019, 10/1/2019, 12/	
ctober 2019, 3824, /AppContract/Packages?projectid=1#/addBidPackage/overviewPackage/3824, Tesrt, Issued for owner review, Engineered equipment, Delivery, Building, 10/01/2019, 10/1/2019, 30	
ctober 2019, 3833, /AppContract/Packages?projectId=3#/addBidPackage/overviewPackage/3833, testing spanish 1, Issued for owner review, Permanent material, Delivery, , 10/01/2019, 10/1/2/019, 10/1/2/2019, 39	
ctober 2019, 3838, /AppContract/Packages?projectId=229#/addBidPackage/overviewPackage/3838, bid1, Issued for owner review, Freight, Delivery, , 10/01/2019, 10/1/2019, , 22	
ctober 2019, 3843, /AppContract/Packages?projectid=1#/addBidPackage/overviewPackage/3843, 18-10-HVT_Test, Issued for owner review, Engineered equipment, Delivery, Building, 10/01/2019, 10/1/2019, 0	
ctober 2019, 3836, /AppContract/Packages?projectId=234#/addBidPackage/overviewPackage/3836, TestTooltip, Issued for owner review, Engineered equipment, Delivery, , 10/06/2019, 10/6/2019, 14	
ctober 2019, 3842, /AppContract/Packages?projectId=3#/addBidPackage/overviewPackage/3842, Test KT 17/10, Proposal received, Engineered equipment, Delivery, Change Orders,Contract Allowances and Back charges, 10/06/2019, 10/6/2019, 0	
xtober 2019, 3835, /AppContract/Packages?projectId=3#/addBidPackage/overviewPackage/3835, Test_Bidpackage_Milestonestatus, Letter of intent/Award, Rental Agreement, Delivery, , 10/07/2019, 10/7/2019, 0	
https://doi.org/10.1016/j.com/environment/actional-actiona https://doi.org/10.1016/j.com/environal-actiona https://doi.org/10.1016/j.com/environal-actiona https://doi.org/10.1016/j.com/environal-actiona https://doi.org/10.1016/j.com/environal-actional-actional-actional-actional-actional-actional-actional-actiona- https://doi.org/10.1016/j.com/environal-actional-actional-actional-actional-actional-actional-actional-actiona-actional-actional-actional-actional-actional-actional-actional-actional-actional-actiona- https://doi.org/10.1016/j.com/environal-actional-actional-actional-actional-actional-actional-actional-actiona- https://doi.org/10.1016/j.com/environal-actiona-actional-actiona- https://doi.org/10.1016/j.com/environa-ac	
ctober 2019, 3825, /AppContract/Packages?projectId=12342#/addBidPackage/overviewPackage/3825, ferfef, Issued for owner review, Engineered equipment, Delivery, , 10/09/2019, 10/9/2019, , 8	
https://doi.org/10.1016/j.com/act/Packages/projectid=3#/addBidPackage/overviewPackage/3826, Test, Issued for owner review, Buyout reserve, Delivery, 10/09/2019, 10/9/2019, 16	
Actober 2019, 3827, /AppContract/Packages?projectId=1#/addBidPackage/overviewPackage/3827, TestJag_20px, Issued for owner review, Engineered equipment, Delivery, Building, 10/09/2019, 10/9/2019, 0	
Actober 2019, 3828, /AppContract/Packages?projectid=3#/addBidPackage/overviewPackage/3828, 20px_test, Issued for owner review, Engineered equipment, Delivery, Building, 10/09/2019, 10/9/2019, 10/9/2019	
Actober 2019, 3829, /AppContract/Packages?projectid=3#/addBidPackage/overviewPackage/3829, US Testing_251, Issued for owner review, Engineered equipment, Delivery, 10/09/2019, 10/9/2019, 10/9/2019, 10/9/2019	
Actober 2019, 4096, /AppContract/Packages?projectid=3#/addBidPackage/overviewPackage/4096, T-Line Procurement - OH Cable and OPGW, Issued for owner review, Permanent material, Delivery, Electrical, 10/09/2019, 10/9/2019, 108	~
	>

Press <Back to report to return to the default view.

While some dashboard graphs offer the ability to Drill Up, Drill Down, Go to the Next Level of the Hierarchy, and Expand all down one level in the Hierarchy, most other graphs include the following options:

	Term	Definition
1	Filter	Filters and slices data in a visual.
2	Focus mode	Expand one visual in the dashboard.
3	More options	Opens additional options.
4	Export Data	Export data only to Excel (not visuals).
5	Show as a Table	Shows data/chart in a larger view.
6	Spotlight	Focuses dashboard on one specific visual.
7	Sort descending	Sort data in descending order.
8	Sort ascending	Sort data in ascending order.
9	Sort by	Allows you to sort by status or form.



# **1.7 API DOCUMENTATION**

# **1.7.1 API DOCUMENTATION OVERVIEW**

From the home landing page, click the **Main menu** icon (**E**), and then click Explore > **API Documentation**.

INEIGHT®	
CS Chris	
Main menu	
FAVORITES	ď
S100000 - PKS Inc	>
SETTINGS	
All projects & organizations	
	>
路 Suite administration	>
Profile	>
CONNECTED ANALYTICS	
Report	
Explore	^
Dashboards	
API documentation	
INFIGHT ONLINE	

A new browser window opens to the InEight Knowledge Library <u>Explore Resources tab</u>. In the API Documentation section under the InEight product are the documents that represent each data endpoint InEight offers for self-service reporting.

To access a report, in the API Documentation section, click the + icon for the product to expand the list, and then select a file name. The document opens in a new browser window. Each API document

includes an Overview of the selected API, a table of Relationships and Dependencies, Details, Supported Filters, API Fields and Field Descriptions, along with a Sample and Data Validation when applicable.





# **CUSTOM DASHBOARDS**

InEight Inc. | Release 24.11

# 2.1 CUSTOM DASHBOARDS

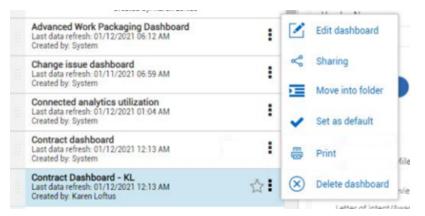
In Explore, you can edit the standard dashboards in order to create new custom dashboards and visualizations by modifying standard dashboards to meet the needs of your project. You cannot create dashboards from scratch, but you can edit the standard dashboards and save them as new custom dashboards.

# 2.1.1 EDIT DASHBOARD

The following steps walk you through how to edit an existing dashboard to create a new dashboard.

#### EDIT A DASHBOARD

- 1. From the Dashboards page, click the **Context menu** ellipses next to the Operations dashboard.
- 2. Select Edit dashboard.



- 3. The Visualization and Fields slide-out panels open on the right side of the screen.
  - A yellow New page icon appears next to the page number at the bottom of the screen
- 4. Click the **New page** icon to add a new tab.



• Your screen will now look something like this

Explore	<ul> <li>Dashboard</li> </ul>				(?)	¢ <b>"</b> ⊗
plore	«	File Y View Y	Ask a question B Explore	✓ A Text box Q Shape	is 🗸 📼 Buttons 🗸 📑 Visu	al interactions $\sim$ . C
NI (27) 👻	Search Q		$\forall$ Filters $\diamond$ >	bookmarks $\times$	VISUALIZATIONS >	FIELDS
• • 🗹 🛞 <			,O Search	Report bookmarks		,∕⊂ Search
Example Folder	: -		Filters on this page	Add Default State (G/L)		→ ■ AccountCode → ■ Calendar
			Add data fields here	PF State	🔄 🔳 📕 Py 📑 🐴	> Costitem
Example Folder 2      Operations dashboard	:		Filters on all pages	Account Code Page P Account Code Page G		→ ■ DailyPlanSum → ■ PlanProjectPro
Last data refresh: 03/12/2020 02:56 AM Created by: System	* 1		IsActive is True	Account Code Perfor Account Code Perfor	Values	<ul> <li>Project</li> </ul>
Change issue dashboard Last data refresh: 03/11/2020 05:50 PM Created by: System	:		Add data fields here	Project Scorecard GL Project Scorecard PF		
Connected analytics utilization Last data refresh: 03/11/2020 10:31 PM Created by: System	:			Curves GL On	DRILL THROUGH	
Contract dashboard (Default) Last data refresh: 03/12/2020 01:27 PM Created by: System	☆ I			Curves PF On	оя <b>о</b> —	
Contract Dashboard - KL Last data refresh: 03/12/2020 01:27 PM Created by: Karen Loftus	< 1				Keep all filters On ——	
dan project share test Last data refresh: 03/12/2020 03:02 PM Created by dan milers	1					
Dan share 1 Last data refresh: 03/11/2020 05:50 PM Created by: dan miller5	1					
ddd Last data refresh: 03/12/2020 03:02 PM Created by: dan miller5	:					
InEight Compliance forms dashboard Last data refresh: 03/12/2020 03:02 PM Created by: System	<b>*</b> I					
KL - Contract Dashboard Last data refresh: 03/12/2020 01:27 PM Created by: Karen Loftus	:					
KL manhour curves Last data refirsh: 03/12/2020 12:25 AM Created by: Karen Loftus	* 1					
man hours Last data refresh: 03/12/2020 02:56 AM Created br: Karen Loftus				Learn how to create and edit		
Manhour curves		د > rend الله Account Code PF Trend الله Cost Item PF Trend الله Project PF Trend الله Project GL Trend الله Exe	cutor PF Trend Page 1	bookmarks		

- 5. Double-click on the default page name and type in **man hours**.
  - Your tab will now look like this:



6. From the drop-down menu, click File > **Save as**.

*	▼ File ∨	Dashboards 👻		
. Q	P	Save as Save a copy of th	nis report	
		ual	Save this dashboard as	×
		the	Ops Dashboard KL	

7. In the dialog box, name the custom dashboard, and then click **Save**.

# 2.1.2 DASHBOARD CUSTOMIZATION

From the Visualizations and Fields slide-out panels, you can add chart, graph and card visualizations to your dashboard and populate them with the appropriate data fields.

You cannot change the data source for the dashboard. The dashboard comes pre-connected to a dataset you may use to edit or add visualizations and filters.

Visualizations and Field slide-out panels are utilized for the following unique purposes:

	Term	Definition
1	Filters slide-out panel	Various ways to cut the data using selections from the Fields slide- out.
2	Bookmarks slide-out panel	Customizable saved dashboard views to quickly access frequent dashboards.
3	Visualizations slide-out panel	Charts, Graphs, and Cards selection for dashboard tab.

#### Overview - Filters, Bookmarks, Visualizations and Fields Slide-Out Panels

#### Overview - Filters, Bookmarks, Visualizations and Fields Slide-Out Panels (continued)

	Term	Definition
4	Charts/Graphs	Various charts, graphs, an PowerApps for PowerBI.
5	Fields, Format, Analytics	Format provides page information. Fields allows for adding value data fields and drill through capability. Analytics modifies the lines (min, max, average, etc.) shown in the selected chart or graph.
6	Fields slide-out panel	Contains data fields to add to your visualizations to report on in your dashboard.
7	Data Fields	Data from InEight Project Suite to add to fields such as Axis, Legend, Values, etc. under the Visualizations slide-out panel.

$\forall$ Filters $\bullet$ $\diamond$	Bookmarks $\bullet \times$	Visualizations	Fields
✓ Search	Report bookmarks		✓ Search
ilters on this page	□ Add □ View Default State (G/L)	⊌ ₹ 20 0 E © ¥ 20 E 2	✓ Ⅲ AccountCode✓ Ⅲ Calendar
ilters on all pages	PF State Account Code Page P Account Code Page G		CostItem     DailyPlanSumma     Im PlanProjectProgr
<b>IsActive</b> is True	Account Code Perfor Account Code Perfor	✓ Search	✓ Ⅲ Project
Add data fields here	Project Scorecard GL Project Scorecard PF	<ul> <li>Page information</li> <li>Page size</li> </ul>	0
	Curves GL On Curves PF On	<ul> <li>Page background</li> <li>Page alignment</li> </ul>	
		✓ Wallpaper	
		<ul> <li>✓ Filter pane</li> <li>✓ Filter cards</li> </ul>	

The following Step by Step walks you through adding a graph visualization to your dashboard reporting on Project Progress and man hours.

#### **CREATE A GRAPH**

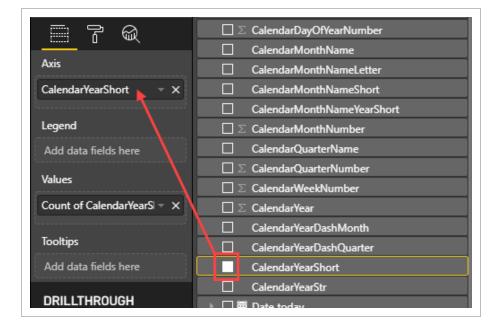
- 1. Under the tab you created in Step by Step above, on the Visualizations slide-out panel select the Line chart visualization.
- 2. To make more space, hide the **Dashboards** slide-out panel, **Filters** slide-out panel and close **Bookmarks**.

»	File V Wew V	다 Ask a question 🤴 Explore 🗸 👌 Text box 🖓 Shapes 🗸 🖂 Buttons 🗸 🕞 Visual interactions 🗸 🖒 Refresh
		Filters T BOOKMARKS X VISUALIZATIONS > FIELDS >
	P	Filters on this visual        Add data fields here        Add data fields here
		Detault State (S/L)     Image: Control Contr
		Account Code Page FI S
		Fiters on all pages ··· Account Code Performa IsActive Project Scoreard GL On Add data fields here
ard		is True Project Scorecard PF On Legend Add data felds here Curres EF On Curres (F On
Operations dashboard	х m	Curves IP On Values Add data fields here
erations		Tooktips Add data fields here
Q		DRILLTHROUGH
		Cross report Off O
		Keep all filters On —
		Add drillthrough fields here
	• Just 👳 Cost Item Ferned 👳 Account Code Teend 👳 Executor Teend 👳 Account Code PF Teend 👳 Cost Item PF Teend 👳 Project PF Trend 👳 Project GL Teend 👳 Executor	tor PF Trend man hours 🔶 bookmarks

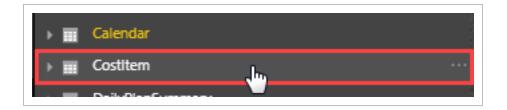
3. Enlarge the Fields slide-out panel by sliding the **left border** toward the left to increase the Fields selection area.

VISUALIZATIONS >	FIELDS >
医尿管 医尿道	𝒫 Search
🗠 🐸 🔛 🖬 📾	
🔟 👳 🔛 🧶 🔿 🖽	> 📰 AccountCode
🌐 🐺 🧰 🖭 🔛	🔺 🏢 Calendar
💽 🧾 🔳 Ру 📑 场	▶ 🗌 🛱 CalendarDate
	$\Box \Sigma$ CalendarDayOfMonthNumber
	$\Box \Sigma$ CalendarDayOfYearNumber
······································	CalendarMonthName
Ari	CalendarMonthNameLetter
CalendarYearShort 🔹 🗙	CalendarMonthNameShort
E	CalendarMonthNameYearShort
Legend	$\Box \Sigma$ CalendarMonthNumber
Add data fields here	CalendarQuarterName
	$\Box \Sigma$ CalendarQuarterNumber

4. Under the Fields slide-out panel, navigate to the Calendar and click the **CalendarYearStr check box**, and the selection will populate in the Axis.



5. Close the Calendar Field and scroll down and open the **CostItem** Field side arrow.



6. In the Search bar under Fields type C B-.

FIELDS	>
Р <sub>сb</sub>	
a 📰 Costitem	
C B-Currency	
□ Σ CB-TotalCost	
<mark>(Њ</mark> у∑ <mark>СВ</mark> -TotalMH	
□ ∑ CB-TotalQty	

- 7. Select the C B TotalMH check box to add it to the Values section of the Visualizations slide-out.
- 8. Clear the Search bar and close the CostItem field.
- 9. Open the Daily Plan Summary Field and select **ManHoursApprovedDate**. Modify the Date Hierarchy to match this:

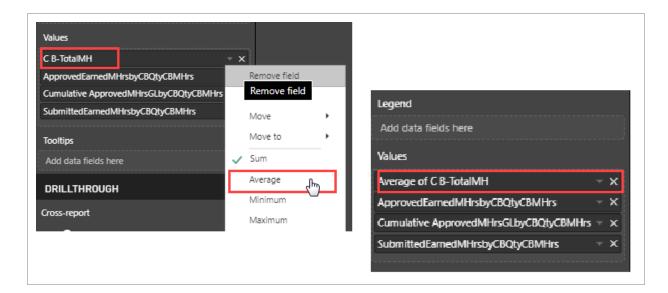
ManHoursApprovedDate					
4 B Date Hierarchy					
Year					
Quarter					
Month					
Day Day					

- 10. Close the DailyPlanSummary field.
- 11. Expand the graph size by pulling the lower right corner of the graph downward.

- 12. Open PlanProjectProgressand select the following fields:
  - a. ApprovedEarnedMHrsbyCBQtyCBMHrs
  - b. Cumulative ApprovedMHrsGLbyCBQtyCBMHrs
  - C. SubmittedEarnedMHrsbyCBQtyCBMHrs
  - On the dashboard on the left, the graph displays your submitted earned man hours and compares that against approved earned man hours
- 13. By clicking each **Values** drop-down fields, you will see each is intuitively using the mathematical sum function.

Legend				
Add data fields here				
Values				
C B-TotalMH		×		
ApprovedEarnedMHrsbyCBQtyCBMHrs	Ŧ	x		
Cumulative ApprovedMHrsGLbyCBQtyCBMHr	s	I	Remove field	
SubmittedEarnedMHrsbyCBQtyCBMHrs		1	Rename	
Tooltips		1	Move	•
Add data fields here		ſ	Move to	•
		/	Sum 🚽	
DRILLTHROUGH		,	Average	
Cross-report		ſ	Minimum	
Off O—		ſ	Maximum	
Keep all filters			Count (Distinct	)
On ——			Count	
Add drillthrough fields here		1	Standard devia	tion
Add dimitriough neids filere			Variance	
		1	Median	

14. On the C B-TotalMH drop down, change the selection from Sum to **Average**. Notice how the field name changes.



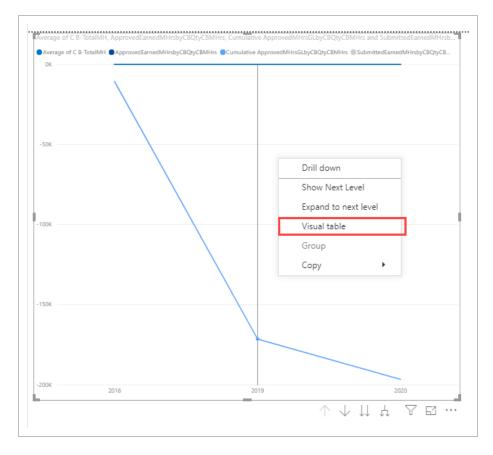
15. Open the Filter slide-out.

< VISUALIZATIONS >
Filters
Axis
ManHoursApprovedDate × × Year × CalendarYearShort ×
Legend Add data fields here
Values Average of C B-TotalMH × ×
ApprovedEarnedMHrsbyCBQtyCBMHrs       ×         Cumulative ApprovedMHrsGLbyCBQtyCBMHrs       ×         SubmittedEarnedMHrsbyCBQtyCBMHrs       ×
Tooltips Add data fields here
DRILLTHROUGH
Cross-report Off O
Keep all filters On ——
Add drillthrough fields here

Expand the CalendarYearStr field by clicking on the drop down. Using Basic filtering, select years
 2018, 2019 and 2020 to abbreviate the reporting years chart.

is 2	018, 2019, or 20	20
Filt	er type 🛈	
Ba	asic filtering	•
R	)	
	2017	LUC
$\checkmark$	2018	365
1	2019	365
$\checkmark$	2020	366
	2021	365
	2022	365
	2023	365
	2024	266

17. Right-click inside your chart and select Visual table.



• Your chart should look similar to this:

Back to report	· ⊽ Filters	VISUALIZATIONS >	FIELDS
sack to report	Filters on this visual	🚔 hi 🖹 hi 🗮 hi 🔟 🔟	
Verage of C.B. lotalMH — ApprovedtamedMHrsby  Cumulative Appro  Submittedtame	ApprovedEarnedMHrsby is (All)		> 🏢 AccountCode
κ	Average of C B-TotalMI	🔄 🖩 🔳 Py 📑 场 🎜 🖻	➤ Calendar ➤ Costitem
	CalendarYearStr	= = .	<ul> <li>BailyPlanSummary</li> </ul>
к —	is 2018, 2019, or 2020 Filter type ①	Axis	PlanProjectProgress     AccountCodeDescription
к	Basic filtering	Axis CalendarYearStr ~ X	AccountCodeUeScription     AccountCodeDisplay     AccountCodeId
κ	2017 305 2018 365	Legend	ApprovedEamedMHrsbyCBQtyCBMHrs      ApprovedEamedMHrsbyCBQtyCBMHrs      ApprovedEamedMHrsbyCBQtyCBMHrs running total in Cal
2018 2019 2020		Add data fields here Values	∑ ApprovedEarnedMHrsbyCBQtyCEMHrs
endar/YearStr _Average of C 8-Total/MH _ ApprovedEarnedMHrsbyCBQtyCBMHrs _ Cumulative A 8 0.00 0.00	2021 365	Average of C B-TotalMH × ×	ApprovedEarnedMHrsbyCBQtyCEMHrs running total in Cal     E ApprovedEarnedMHrsbyCEQtyCBMHrs
9 0.00 0.00 0 0.00 0.00	2023 365	ApprovedEarnedMHrsbyCBQtyCBMHi v X	ApprovedEarnedMHrsbyCEQtyCBMHrs running total in Cal      S ApprovedEarnedMHrsbyCEQtyCEMHrs
	Require single selection	Cumulative ApprovedMHrsGLbyCBQty × × SubmittedEarnedMHrsbyCBQtyCBMH × ×	ApprovedEarnedMHrsbyCEQtyCEMHrs running total in Cal     X ApprovedHours
	Cumulative ApprovedMH	Tooltips	ApprovedHours running total in CalendarDate     S ApprovedHHrsGLbyCBQtyCBMHrs
	Is (All)	Add data fields here	ApprovedMHrsGLbyCBQtyCBMHrsIndicator
	is (All)	DRILLTHROUGH	ApprovedMHrsGLbyCBQtyCEMHrs     ApprovedMHrsGLbyCBQtyCEMHrsIndicator
	Add data fields here	Cross-report Off O	Z ApprovedMHrsGLbyCEQtyCBMHrs     ApprovedMHrsGLbyCEQtyCBMHrsIndicator

- 18. Click < Back to Report.
- 19. In the upper left corner, note the View options available in the drop-down. Change the Show smart guides toggle to **On**.
  - Doing so makes a vertical bar appear each time it bisects a point in the graph
  - Clicking on the bisected point brings up the data, as shown below

File 🗸	View 🗸		
	🖸 Fit to page		
	Fit to width Fit to width		
	H Actual size		
Average o	High-contrast colors	mulative ApprovedMHrsGLbyCBQtyCBMHrs and SubmittedEamedMHrsb	
Average -	🗄 Show smart guides 🦲	Dn	
	$\blacksquare$ Show gridlines $\bigcirc$	Off	
	Snap to grid	Off	
-50K	🔒 Lock objects 💽	Off	
-50%	Selection pane	Off	
	🗍 Bookmarks pane 💽	Off	
	$\bigcirc$ Sync slicers pane $\bigcirc$	Off	
-100K		2019 Average of C B-TotalMH 0.00	
-150K		ApprovedEarnedMHrsbyCBQtyCBMHrs 0.00     Cumulative ApprovedMHrsGLbyCBQtyCBMHrs -171,426.8     SubmittedEarnedMHrsbyCBQtyCBMHrs 0.00	34
-200K	2018	2019 2020	

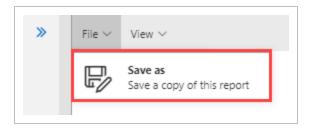
20. From the View drop-down, turn the Bookmarks Pane toggle to On.

## 2.1.3 SAVE DASHBOARD

There are two ways to save a dashboard.

First, if you are leaving a newly created report where you have modified data, you will receive a pop-up where you can confirm your desire to save your change.

Click the **File > Save As** drop down.



If Yes in selected, save with a new dashboard name and click Save.

Save this dashboard as	$\times$
man hours	
Cancel Save	

• Your dashboard will appear on the left slide-out panel alongside your other dashboard

	<ul> <li>Example Folder</li> </ul>	:
	← Example Folder 2	:
	Operations dashboard Last data refresh: 12/18/2019 08:09 AM Created by: System	☆ :
	Change issue dashboard Last data refresh: 12/17/2019 08:10 PM Created by: System	☆ :
	Connected analytics utilization Last data refresh: 12/18/2019 12:12 AM Created by: System	☆:
	Contract dashboard Last data refresh: 12/18/2019 01:36 PM Created by: System	☆ :
	Contract dashboard - KL Last data refresh: 12/18/2019 01:36 PM Created by: Karen Loftus	🛨 I
	dan project share test Last data refresh: 12/18/2019 01:03 PM K New! Created by: dan miller5	☆ :
	ddd Last data refresh: 12/18/2019 01:03 PM 👫 Created by: dan miller5	☆ :
	InEight Compliance forms dashboard Last data refresh: 12/18/2019 01:03 PM Created by: System	☆ :
I	man hours Last data refresh: 12/18/2019 08:09 AM Created by: Karen Loftus	☆ :
ſ	Manhour curves Last data refresh: 12/18/2019 03:43 AM Created by: System	☆:

Alternatively, if you are leaving an existing report where you have modified data, you will receive a pop-up where you can confirm your desire to save a copy of your change.

Click the **File > Save As** drop-down.

Add a name for the new dashboard and click **Save**.

File $\checkmark$ View $\checkmark$	
Save Save this report	
Save as Save a copy of this report	Save this dashboard as   Operations - 1 year     Cancel

# 2.1.4 DASHBOARD PRINTING

To print a dashboard, select the **three dot ellipses** next to a dashboard you created.

Advanced Work Packaging Dashboard Last data refresh: 01/12/2021 06:12 AM Created by: System	:		Edit dashboard
Change issue dashboard Last data refresh: 01/11/2021 06:59 AM Created by: System	:	8	Sharing Move into folder
Connected analytics utilization Last data refresh: 01/12/2021 01:04 AM Created by: System	:	~	Set as default
Contract dashboard Last data refresh: 01/12/2021 12:13 AM Created by: System	:	6	Print
Contract Dashboard - KL Last data refresh: 01/12/2021 12:13 AM Created by: Karen Loftus	슙	$\otimes$	Delete dashboard

- The dashboard print settings will default the orientation to Portrait. At times, selecting Landscape will provide a more full page view
  - TIP To determine what fields are in a given report, click the Report, look at the Fields pull-out, and open the yellow colored drop-down. Search through the listing for the field(s) with a solid check-box.

## 2.1.5 ADD A BOOKMARK

From an edited dashboard, you are able to further personalize your dashboard by adding a new field. In our example, Approver 1, Ajay GK is a frequent approver. We want to quickly view projects specific to him. We will do that by adding a new field onto the dashboard then adding a new Bookmark tied to him. That way, we can quickly see that view as easily as the default mode, or by clicking on other default Bookmarks. Let's see how we did it.

#### ADD A BOOKMARK

1. Ensure you are in the Edit dashboard mode of a saved, renamed dashboard.

InEight Compliance forms dashboard Modified on: 04/29/2019 10:58:36 PM Created by: System	Cally Plan Summar
KL Ops Dashboard Modified on: 11/21/2019 10:14:21 AM Created by: Karen Loftus	🟠 🚦 📝 Edit dashboard
man hours KL Modified on: 10/14/2019 12:35:16 PM Created by: Karen Loftus	☆ i ⊗ Delete dashboard
Manhour curves Modified on: 11/06/2019 03:06:19 PM Created by: System	☆ I Sharing

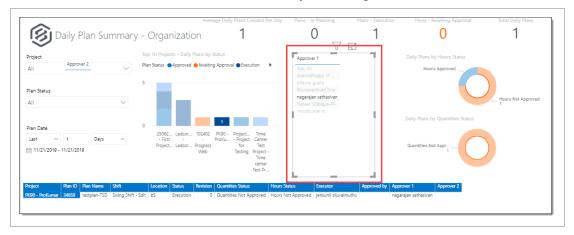
2. Close the Dashboard pane by clicking the double blue arrows.

	«
★ Favorites	
All dashboards	•
Can Searc	

- 3. Search the Fields pane drop-down lists to locate the field to add, in our case under the DailyPlanSummary, we selected **Approver 1**.
- 4. Drag that field onto the dashboard.



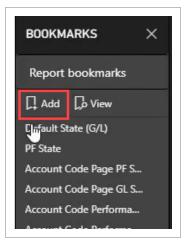
5. Using the gray colored handles that surround each attribute, move and re-size it and/or other attributes until the dashboard fits to your liking.



6. Highlight the desired Approver 1, in our case Ajay GK.



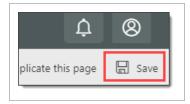
7. On the Bookmarks pane, click the **Add** icon, which will place a re-nameable bookmark at the bottom of the Bookmark pane.



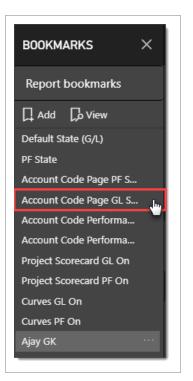
8. Double-click the new Bookmark to re-name it.



9. Save your dashboard by clicking the **Save** icon.



10. Toggle to another bookmark on the Bookmarks tab.



11. Then **toggle back** to your newly added Bookmark. Not only will that Approver 1 be selected, but all reports and data are filtered to those projects where he is the Approver 1.

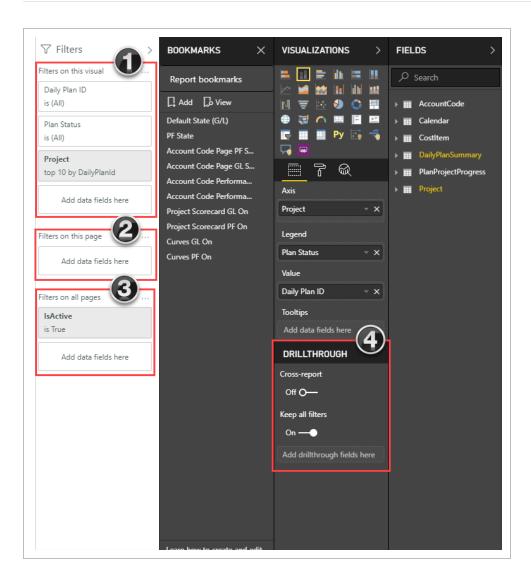
							··· Add data fields here	Report bookmarks
		Average Daily Plans Created Per Day	Plans - In Planning	Plans - Execution	Plans - Awaiting Approval	Total Daily Plans	Add data fields here	Add 🎵 View
😥 Daily Plan Summary	<ul> <li>Organizatior</li> </ul>	2	0	0	I	2		Default State (G/L)
oject	Top 10 Projects - Daily Plan	is by Status	Approver 1		Daily Plans by Hours Status		Filters on all pages	PF State
· · ·	Plan Status  Approved  A	waiting Approval  Execution	Ajay GK 🛛 🔶		Hours Approved		IsActive	Account Code Page PF S
	5						is True	Account Code Page GL S
in Status						Hours Not Approved	Add data fields here	Account Code Performa
						1	Aud data fields field	Account Code Performa
n Date 🗸		1			Daily Plans by Quantities Status			Project Scorecard GL On
est ~ 1 Days ~	- First -	2402 PK90 - Project Time - ProKu Project Center						Project Scorecard PF On
11/21/2019 - 11/21/2019	Project Ledcor Pro V	Veb Testing Project -			Quantities Not Appr2			Curves GL On
		Time center Test Pr						Curves PF On
		385 Pl			L			Ajay GK

# 2.2 DASHBOARD FILTERING

The dashboards in Explore have advanced filtering abilities to make viewing easier and more customized.

You can filter the information on your dashboards on four different levels:

Filter	Definition
Visual Level	Filters a single visual on a dashboard. You can select the date range, account codes, approvers, etc. that you want shown.
Page Level	Filters all the visuals on a single page. You can use this to filter by areas on the project, date range, executor, etc.
Report Level	Filters all pages in a report. You can use this to filter a report by project, date range, remaining MHrs, etc.
Drillthrough	Used to focus on one aspect of the project. Any other page or visual that contains this drillthrough value can be redirected to this drillthrough page for a more focused and up-close view.



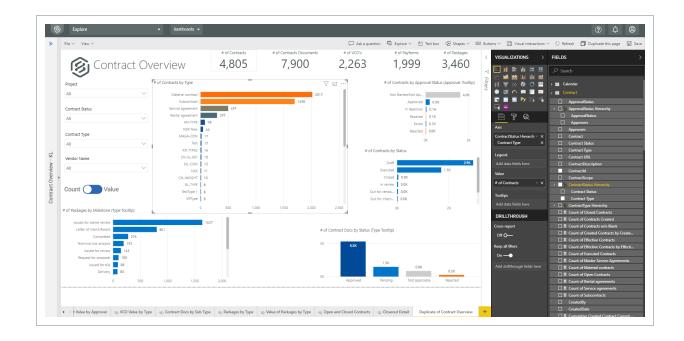
Drilling down on report data to the meta-data level, can assist in your analysis. Most of the visualizations on the dashboards display data at a summary level. Drilling down into the visualizations allows you to see the data at the detail level.

To enable us to view filtering and drill down data better, complete these preliminary steps.

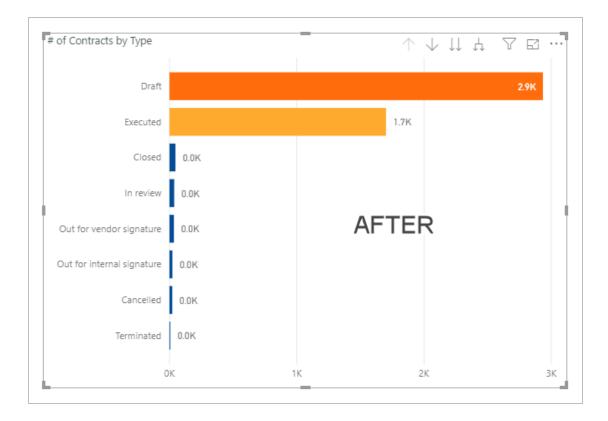
#### 2.2 STEP BY STEP 1 – FILTER A DASHBOARD, PART 1

- 1. Navigate to the **Contract Dashboard**, and then select **Edit Dashboard** from the **Context Menu (...)** icon.
- 2. Save your new dashboard using File > Save As appending the Contract Dashboard file name with your initials.
- 3. Close the **Dashboards** and **Bookmarks** slide-out panels to give yourself more room to work.
- 4. Select a **Project**.
- 5. Select a Contract Status of All.
- 6. Select a Contract Type of All.
- 7. Select a Vendor Name of All.
- 8. Right-click on the Contract Overview tab, and then select Duplicate Page.
- 9. On the duplicate page, delete the following charts:
- # of Contracts by ERP Sync Status
- # of VCO's by Status
- # of Payforms by Request Status
- 10. By either:
  - Clicking the ellipses, and then selecting Remove, or
  - Clicking on the chart, and then pressing the Delete button on your keyboard
- 11. Expand the width of the Fields panel.
- 12. Expand the # Contracts by Type chart.

13. Click on each remaining chart to view Fields used.



14. On the # Contract by Type chart, click the **Contracts** Field panel, and then add **Status Hierarchy > Contract Status**. Notice how the chart changes.



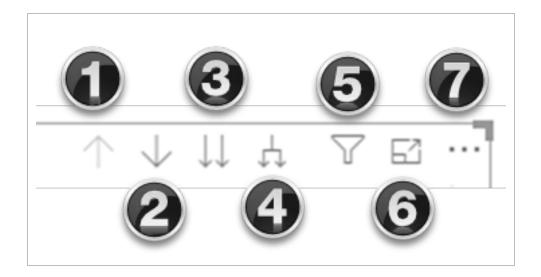
15. Specifically, with the field added, you now have greater ability to filter the data.

### 2.2.0.1 FILTERING OPTIONS

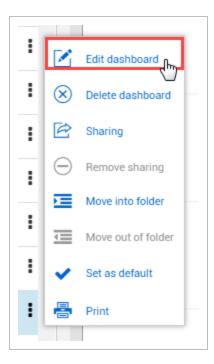
#	Filtering Option
1	Drill Up
2	Drill Down
3	Go to Next Level in the Hierarchy
4	Expand all Down one level in the Hierarchy
5	Filter



7 More Options



Navigate to the dashboard that you just created and select **Edit dashboard** from the Context menu icon.



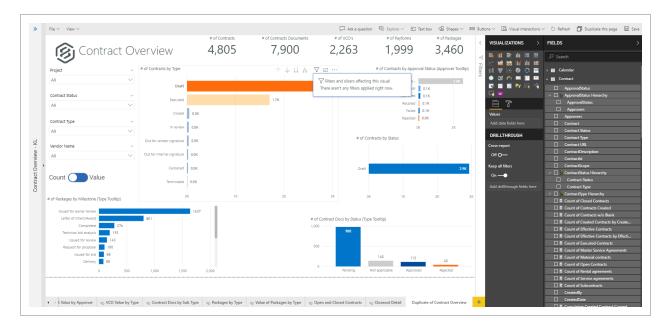
• Note the four types of filters:

Filter Type	Definition
1. Visual Level	Filters on an individual visual.
2. Page Level	Filters on every visual on the report page.
3. Report Level	Filters on all pages in the report.
4. Drillthrough	Filters on a single entity in the report.

NOTE For the remainder of this section, data will be represented by the Number of Contracts. Alternatively, by moving the toggle in the other direction, all data would be shown by Contract Value. Similar functioning toggles exist in other types of reports for ease in viewing data in an alternate format.

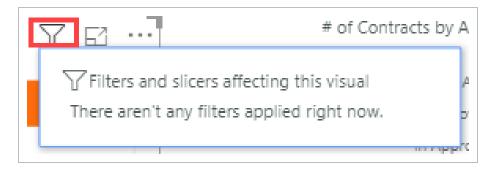
Contract Status	6
All	$\sim$
# of 🔵 Value	

Having followed the previous steps, your screen should now look similar to this:

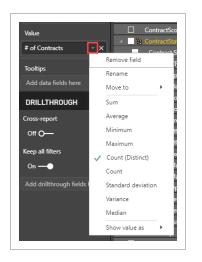


#### 2.2 STEP BY STEP 2 – FILTER A DASHBOARD, PART 2

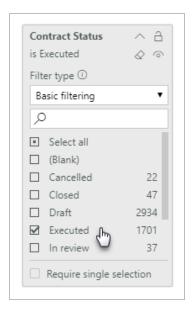
- 1. Open the **Filters** panel.
- 2. Click on the # of Contracts by Type stacked bar chart.
- 3. Click on the **Filters** icon and notice you have no filters applied right now.



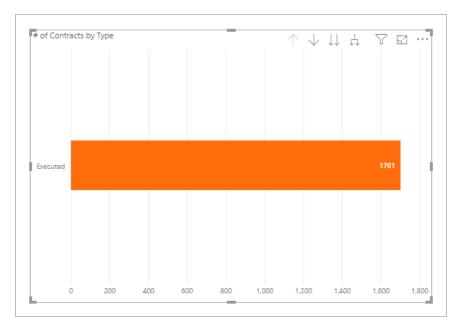
4. Under the Visualizations slide-out panel, click on the **# of Contracts** drop-down to view details of that filter.



5. On the Visual Filters, click on the **Contract Status** drop-down, select **Executed** to apply the filter.



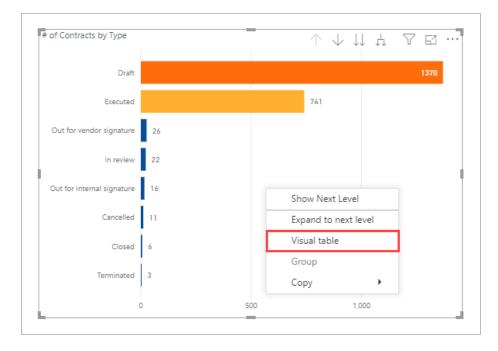
#### Notice how this chart changes



- 6. Change the Contract Status to Select All.
- 7. Collapse the Contract Status filter.

Contract Status	Collapse
Filter type (i)	

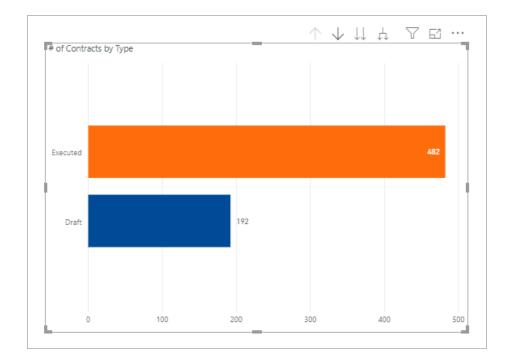
- 8. Under the filter Contract Type, select 2 options from your drop-down.
- 9. Within the chart, right-click and select Visual Table.



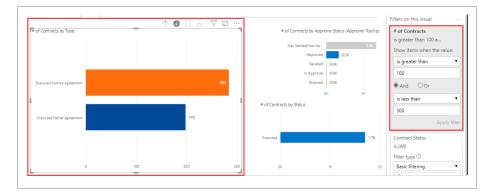
- The # of Contracts by Type chart now only appears, with the actual data for those two contract types shown.
- 10. Add a third Contract Type, and see how the chart and data changes again.
- 11. Click Back to Report.

Sack to report	# OF CONTRACTS	BY TYPE						
Draft								1370
Executed					741			
Out for vendor signature	26							
In review	22							
Out for internal signature	16							
Cancelled	11							
Closed	6							
Terminated	3							
	0	200	400	600	800	1,000	1,200	1,40
Contract Status	# of Contracts							
Draft	1370							
Executed	741							
Out for vendor signature	26							
In review	22							
Out for internal signature	16							
Cancelled	11							
Closed	6							
Terminated	3							

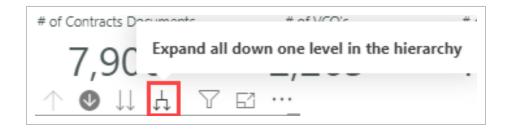
- 12. Close the Contract Type filter.
- 13. Click **File > Save** to save this dashboard.
- 14. Open the **# of Contracts** filter.
- 15. Show items that are greater then 100 and less than 300.
- 16. Click Apply Filter.
  - The newly filtered chart appears. In this case, Executed is greater than 300. Why do 482 Executed Contracts appear? Let's drill down further to find out



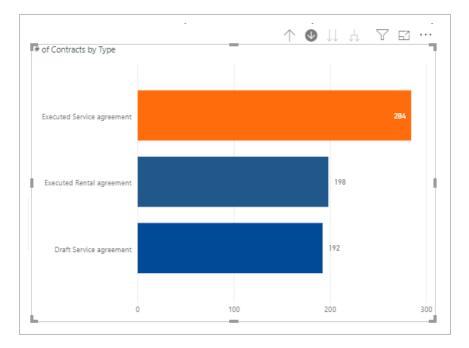
- 17. Click the **Drill down** icon.
- 18. Then click on the orange **Executed** row.
  - The chart changes to Executed Service Agreements and Executed Rental Agreements, both under 300



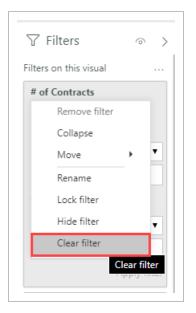
19. Click the Expand All Down One Level in the Hierarchy button.



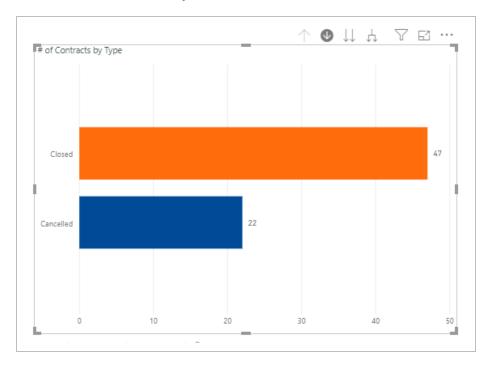
• Now the chart changes to all Executed Contract Types greater than 100 and less than 300



- 20. Right-click on the image and click Drill up.
- 21. Right-click on the # of Contracts Filter and select Clear filter.

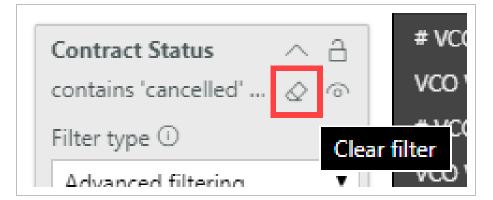


- 22. Under the Contract Status filter, change the drop down from Basic Filtering to Advanced filtering.
- 23. Under Show Items when the value > contains type in **cancelled or contains closed**.
- 24. Click Apply filter.



• The chart now shows only Cancelled or Closed statuses

25. Click the Contract Status Clear filter icon.



26. Click File > Save.

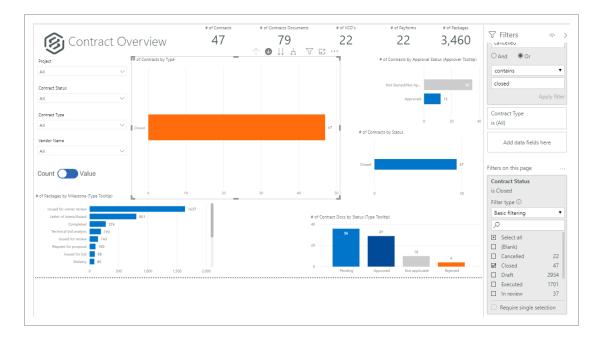
## 2.2.0.2 PAGE FILTERING

Two options of page filtering exist in Explore. The first is filtering on just this page (tab.)

From the Contract Fields panel, drag the checked **Contract Status** field onto **Filters on this Page**.

Filters on this page		# of Invoices & Invoices Value Cont. Overview	Contract Status X Contract Type X	Contract URL ContractDescription ContractId			
Contract Status		# Cont. Overview ····	Legend				
is (All)		# Cont. Detail	Add data fields here	ContractScope     ContractStatus Hierarchy			
Filter type 🛈		Value Cont. Detail	Value	Contract Status			
Basic filtering	•	Value of Invoices & Payf		Contract Type			
Q,		# of Invoices & Payforms	# of Contracts ~ X	<ul> <li>ContractType Hierarchy</li> </ul>			
Select all		Supp Doc Expiration	Tooltips	Contract Type			
(Blank)		Supp Doc Created		VendorName			
Cancelled	22		Add data fields here	Count of Closed Contracts			
Closed	47		DRILLTHROUGH	Count of Contracts Created			
Draft	2934		DRILLI HKUUUH	🗌 🖩 Count of Contracts w/o Blank			
Executed	1701		Cross-report	🔲 🖩 Count of Created Contracts by Crea			
In review	37		Off O-	🔲 🖩 Count of Effective Contracts			
Require single selection				Count of Effective Contracts by Effe			
Require single selection			Keep all filters	Count of Executed Contracts			

Select **Closed** from the Basic Filtering drop-down list.



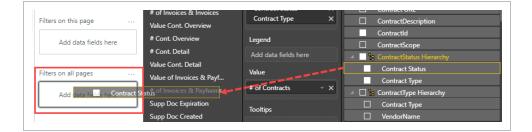
• Now all reports on this page only show contracts that have been Closed

Select the Remove Filter X icon.

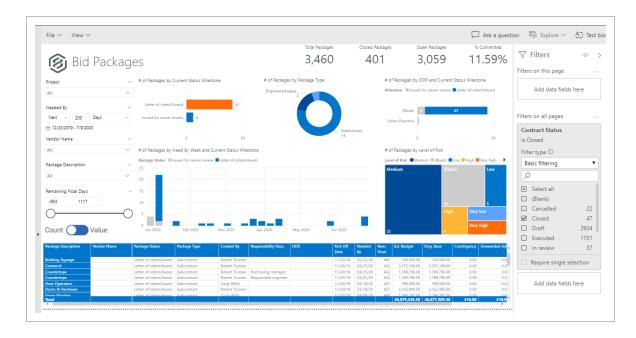
### 2.2.0.3 FILTER ON ALL PAGES

The second type of page filter applies a filter across all pages (tabs).

Drag the same **Contract > Contract Status** data field onto Filters On All Pages.

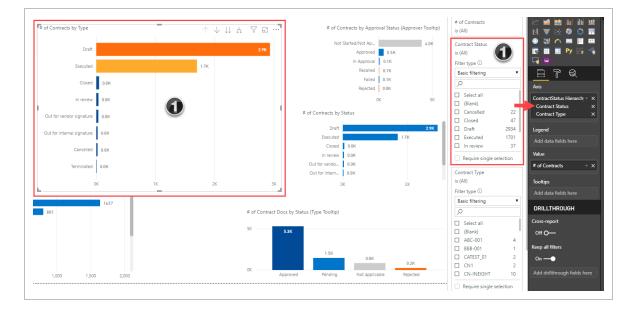


Again choose the option of **Closed** from the drop-down list. Nothing will look different on this tab, only when you select another tab will the change be obvious. For example, this is the Bid Packages tab, where all charts only represent Closed projects.



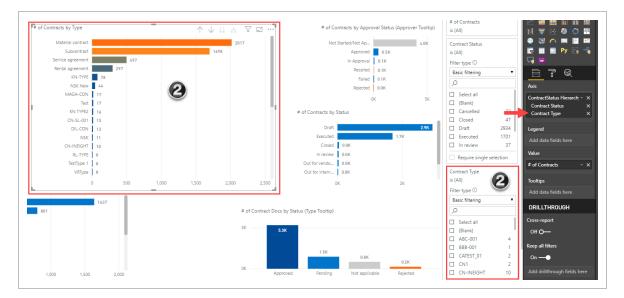
## 2.2.0.4 GO TO THE NEXT LEVEL IN THE HIERARCHY

The final icon when filtering is the **Go to Next level in the Hierarchy** icon. When in a report and this icon is clicked, the table filters down to the next level in the Hierarchy as shown in this Visualization:

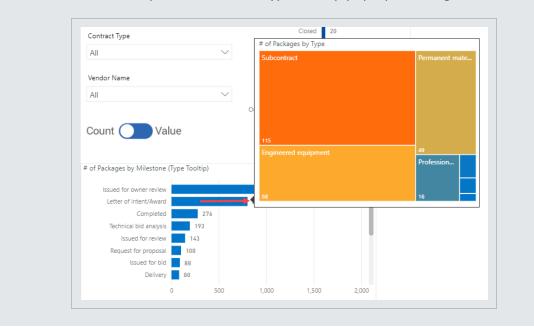


Initially, data will be represented by Contract Status.

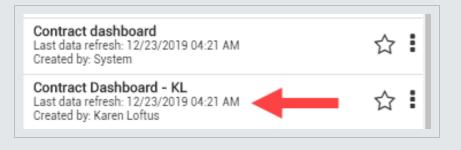
When the **Go to Next level in the Hierarchy** icon is selected, the chart will change to # of Contracts by Contract Type.



# TIP Throughout the Explore dashboard, there are multiple instances where you can hover over a data-point to obtain a Type Tooltip pop-up showing drill down data.



**NOTE** Last Data Refresh: A time-stamp in the dashboard list indicates when the data in that dashboard was last refreshed. This helps minimize the confusion about why some records may or may not be present in your dashboard.







# EXPLORE MOBILE

# 3.1 MOBILE APPLICATION

The Explore mobile application gives you access to your reports and the ability to view dashboards from a mobile device. This added convenience lets you analyze reporting data from anywhere, which allows you to make informed and timely decisions.

After you log in to the application, the screen opens to show an alphabetical listing of the dashboards.

• All folders and favorites added in the web application also show in Explore mobile.

	Explore	$\Diamond$
Sear	rch	Q
	DEMO	>
	Example Folder	>
17	Connected analytics Created by System	
	Contract dashboard Created by System	
1	Contract Dashboard Created by Karen Loftus	
17	Control Audit Dashb Created by System	*
17	Core Project Inform Created by System	
1	InEight Compliance Created by System	
1	KL - Contract Dash Created by Karen Loftus	
1	KL manhour curves Created by Karen Loftus	
17	man hours Created by Karen Loftus	
	Manhour curves	

The following step-by-step shows how to pull up the Explore mobile dashboard.

### 3.1 STEP BY STEP 1 – PULL UP A DASHBOARD

- 1. Tap the Refresh icon to sync any changes you made in the web application.
- 2. Scroll through the list of dashboards and folders or use the Search function at the top to find the dashboard you need.
- 3. Tap a dashboard to open it.
  - The screen will turn from portrait to landscape.

# 3.1.1 MANIPULATE A DASHBOARD

In the dashboard, you can refresh the screen, zoom in and out, select different tabs, and modify filters to personalize your view.

<			С	ore Pro	ojec <sup>.</sup>	t Info	orm	ation			<b>(i)</b>		
Project Details						Active Projects <b>4,997</b>			Projects	Total Projects <b>5,019</b>		Active Employees	
Org Name, Proje	:t	Status				Inactive Em		Total En	nployees	Assigned Equipmen	t Assigned	Users	
All		→ All		$\checkmark$		1,6	69	19	ЭК	54K	6,82	28	
roject Start &	End Dates					.,.			Project	Location	-,		
		~~							Project ●	IIIReport testi ●I RandomD ●I R	andonDat 🜒   RandonI	Dat 🕨	
Project		p20					2	030	N		10000	ne	
!!!Report testing!!!!!	-New Project								2	NORTH AMERICA	GEUROPE	AS	
! RandomData.uniqu	eName(7) nnns-! Rande	omData.unique							Pacific	Atlantic			
RandonData.unique	Name(4)-! RandonDat	a.uniqueName(							Ocean	Ocean			
! RandonData.unique	Name(5) sds-! Randon	Data.uniqueNa									AFRICA	8	
000001111100000nd	tesf-NONE245									SOUTHAMERIC		ndian	
000111kfjhsdhsudsd	usdusdusdsdisdisidsid-'	Test Project_Edit							<b>b</b> Bing	0 0		)cean	
									Ding	© 2020 Tom Tom © 2020 HERE,	© 2020 Microsoft Corporation	Terms	
Project ID	External Project ID	Project Name	Project Status	Org Name	Start Date	End Date	Duration (Days)	Notes		Country	Region	City 🔨	
!!Report testing!!!!!!	External project ID	New Project	Closed	dec org 123 90 890	11/3/2019	12/31/2022	1,154	Project;ldssaddsa					
RandomData.uniq JeName(7) nnns	991456454124123	! RandomData.uniqueName (7)	Active	SA1000-Kiewit	2/3/2020	1/26/2021	358	9876540-98765p;				Phoe	
RandonData.uniqu Name(4)	! RandonData.uniq ueName(4) 110	! RandonData.uniqueName( 10) 6ds	Active	MR OBS A9	4/16/2019	3/14/2020	333	Project Notes					
RandonData.uniqu Name(5) sds	! RandonData.uniq ueName(7) sds	! RandonData.uniqueName( 5)	Closed	TestOrgStructure1701	6/25/2019	12/20/2030	4,196						
sivame(5)[sus													
uniqueName(235)	! uniqueName(235 ) 1! uniqueName(2 35)	! uniqueName(235) ! unique Name(235)	Active	S100000 - PKS Inc									

NOTE

You cannot share or edit dashboards in the mobile application.

• Tap the **Information** icon to show additional information about the dashboard, such as the owner of the dashboard and last data refresh time.

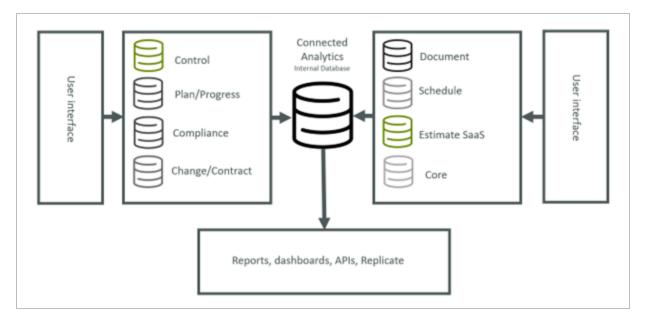
- Tap the **ellipses**, and then the **Favorite** icon to make the dashboard a favorite. This also makes the dashboard a favorite in the web application.
- Tap the Menu icon. You can toggle between the dashboard and your account information or sign out of the mobile application.

NOTE The Sharing icons are visible but can only be activated in the web application.

# 3.2 EXPLORE FREQUENTLY ASKED QUESTIONS

#### What is the Reporting data flow?

The following workflow shows the relationship between InEight applications, the Connected Analytics database, and the Report and Explore applications (including reports, dashboards, and APIs).



When looking to integrate InEight data with our systems, can we use the Reporting APIs if the Integration APIs don't have the data we're looking for?

No, using the Reporting APIs in place of the Integration APIs is not supported, nor is it recommended.

Integration APIs source data directly from their respective product's database, allowing data to appear in the Integration APIs in real-time without a data lag.

Alternatively, the Reporting APIs read data from a consolidated database that aggregates data from the different products' databases rather than drawing directly from the source database. This increases the likelihood that there could be a point of failure between the product source database and reporting, causing the reporting data to be out of sync.

Also, in the acquisition of this data, there may be a refresh interval that occurs in the background to pull data from the product source database to the reporting database. This opens you up to the possibility that the data may not match what the product user interface reads. This potential data latency can also make scheduling data pulls complicated, especially when you are looking to support critical processes, such as payroll runs.

#### What is the difference between Explore and SelfService APIs?

SelfService APIs are designed to satisfy extraction requirements. These APIs more closely match the source data, though we do some denormalization to combine IDs and text into the same table and ensure field/table naming more closely matches the user interface. Records that have been deleted or updated in the products' user interface are soft-deleted in the database. These APIs will expose both "active" and "inactive" (soft-deleted) records. An example of this use case would be writing ETL against the data to extract it into a data warehouse that is used to combine data for reporting. However, it is important to note that these APIs can also be used for BI use cases, such as connecting to Power BI.

The APIs prefixed with Explore are designed to satisfy more of a BI use case. These APIs report only active and latest records as reflected in the system. And in some cases, they may have more business logic implemented in the code behind them. They also will have naming conventions similar to what is in the user interface of the InEight applications. An example of this use case would be connecting in Power BI.

For the most part, Explore APIs will have a SelfService counterpart, and the documentation for the SelfService API should apply to the Explore APIs, with some minor differences.

#### Can ETL be written against the APIs to bring data into a reporting environment?

Yes, this is possible. If you need your Client ID and Secret for your selected ETL tool, you can reach out to InEight Support or your InEight representative.

Please note that troubleshooting errors and setting up connections for your ETL tools outside of InEight is not included in our services.

#### What are the refresh times on the APIs?

Currently, the refresh time of reporting data varies by product. Most products' data refresh utilizes an incremental load methodology. This means, on an interval basis, our database looks for changes in the product databases based on the modified date on the records. Based on the detected changes, the reporting database updates accordingly.

Some InEight Applications have implemented the architecture for entity change on some or all of their database entities.

An example to entity change is the setting "When the user updates Current Estimate Total Cost of a Cost Item, this change will be reflected within the next 5 minutes in the corresponding SelfService\_Control\_CurrentEstimate reporting api", whereas there are APIs that only refresh once a day. All of InEight Schedule APIs and the 5 InEight Plan APIs (listed below) fall into this category.

That means for those entities we can leverage a trigger-based refresh. This means the fresh data will be reflected in the reports and APIs in near-real-time (five minutes or less).

The rule of thumb, however, is twenty minutes or less for all reports and APIs, unless otherwise noted in the API or report documentation.

There are 5 APIs that are on a daily refresh cadence (this applies to these APIs only and does not have any bearing on reports in Report):

- SelfService\_Plan\_Timecard
- SelfService\_Plan\_WeeklyTimesheetVersion
- SelfService\_Plan\_DailyPlanHoursResourceVersion
- SelfService\_Plan\_DailyPlanHoursResourceDetailVersion
- SelfService\_Plan\_DailyPlanHoursPayrollIndicatorVersion
- Additionally, Schedule APIs are on a daily refresh cadence.
- The refresh cadence of APIs is published in our API documents.

Additionally, Schedule APIs are on a daily refresh cadence.

The refresh cadence of APIs is published in our API documents.

What is pagination and what is the pagination for the reporting APIs?

Pagination is a method of segmenting the data returned by an API in an attempt to not overwhelm it with larger datasets.

All of the reporting APIs have a pagination setting, and most are set to 50,000. However, some of the larger APIs are set to 5,000. This is also noted in the API documentation.

Are there limits on how many API calls can be made?

We currently impose a rate limit of 50 calls per minute on each API.

Are there permissions needed to access the Reporting APIs?

Yes, permissions are required to access the Reporting APIs. They can be found in **Suite** administration > Roles and permissions > Explore > Reporting APIs. These permissions are split out by product.

How do I connect to Reporting APIs?

You can access Reporting APIs from the following link: Reporting APIs

What is the data refresh interval on the Explore dashboards?

The Explore dashboards that come with the system will refresh 1-3 times per day. These refreshes can be scheduled in **Organization Settings > Explore**. You need to be an Organization Admin with the organization and have the **Project > Access Explore settings** permission. The Explore Organization settings page also has an option to kick off an on-demand refresh for each dataset.

Each custom-built dashboard refreshes when the system dashboard it was built from refreshes.

#### What kind of security is applied to the dashboards?

We apply the same project-level security to the dashboards that we do on reports. This means when users access a dashboard, they can only see data for projects they have assignments on.

The dashboard visibility itself is controlled at the Organization level, meaning that when a dashboard has its visibility turned on or off on the Explore Settings page, this applies for the whole organization.

There is an additional InEight Platform permission for Explore that will control a user's available dashboards, so they only see dashboards that have been shared with them as an individual.

This can be found in the Explore section under Roles and Permissions

#### Why are some dashboards deployed early or hidden?

Our dashboard release strategy is to deploy dashboards to clients a release before they technically "go-live", referring to these early releases as "Preview" releases. These Preview releases give you a "sneak peek" and an opportunity to test the new functionality and provide feedback before the dashboards officially go live.

Users can make these dashboards visible by navigating to the Explore Settings page and toggling the visibility from **Off** to **On**. This will apply for the whole organization. Note that you will need an additional Platform permission to access the Explore Settings page.

- If you turn on the visibility for a dashboard before it has gone live (as a Preview dashboard), when the dashboard goes live, it will stay visible.
- If you turn the dashboard visibility on and then back off, it will stay hidden when the dashboard goes live.
- If you leave the dashboard visibility set to "Hide" and don't touch it while it's in Preview, then the dashboard will become visible upon going live.

#### What Permissions are required for the API Generator?

You will need the following permissions from **Platform > Suite administration > Roles and permissions**:

- Explore > API Generator
- For pulling data from the Completions or Compliance application
  - Explore > Reporting APIs > View Completions web APIs
  - Explore > Reporting APIs > View Compliance APIs

You will also need module-level permissions assigned in Compliance or Web Completions.

#### What is the refresh rate for API Generator data?

Due to the complexity of manipulations to get the data in the correct format, data in the APIs is updated daily. The data is therefore staged to avoid running into performance and timeout issues when you access your APIs.

Can I create an API with multiple forms?

No, this feature is specific only to singular forms.