Alibaba Cloud DataV

Console

Issue: 20190815

MORE THAN JUST CLOUD | Alibaba Cloud

Legal disclaimer

Alibaba Cloud reminds you to carefully read and fully understand the terms and conditions of this legal disclaimer before you read or use this document. If you have read or used this document, it shall be deemed as your total acceptance of this legal disclaimer.

1. **You shall download and obtain this document from the Alibaba Cloud website or other Alibaba Cloud-authorized channels, and use this document for your own legal business activities only. The content of this document is considered confidential information of Alibaba Cloud. You shall strictly abide by the confidentiality obligations. No part of this document shall be disclosed or provided to any third party for use without the prior written consent of Alibaba Cloud.**
2. **No part of this document shall be excerpted, translated, reproduced, transmitted, or disseminated by any organization, company, or individual in any form or by any means without the prior written consent of Alibaba Cloud.**
3. **The content of this document may be changed due to product version upgrades , adjustments, or other reasons. Alibaba Cloud reserves the right to modify the content of this document without notice and the updated versions of this document will be occasionally released through Alibaba Cloud-authorized channels. You shall pay attention to the version changes of this document as they occur and download and obtain the most up-to-date version of this document from Alibaba Cloud-authorized channels.**
4. **This document serves only as a reference guide for your use of Alibaba Cloud products and services. Alibaba Cloud provides the document in the context that Alibaba Cloud products and services are provided on an "as is", "with all faults " and "as available" basis. Alibaba Cloud makes every effort to provide relevant operational guidance based on existing technologies. However, Alibaba Cloud hereby makes a clear statement that it in no way guarantees the accuracy, integrity , applicability, and reliability of the content of this document, either explicitly or implicitly. Alibaba Cloud shall not bear any liability for any errors or financial losses incurred by any organizations, companies, or individuals arising from their download, use, or trust in this document. Alibaba Cloud shall not, under any circumstances, bear responsibility for any indirect, consequential, exemplary, incidental, special, or punitive damages, including lost profits arising from the use**

or trust in this document, even if Alibaba Cloud has been notified of the possibility of such a loss.

5. By law, all the content of the Alibaba Cloud website, including but not limited to works, products, images, archives, information, materials, website architecture, website graphic layout, and webpage design, are intellectual property of Alibaba Cloud and/or its affiliates. This intellectual property includes, but is not limited to, trademark rights, patent rights, copyrights, and trade secrets. No part of the Alibaba Cloud website, product programs, or content shall be used, modified, reproduced, publicly transmitted, changed, disseminated, distributed, or published without the prior written consent of Alibaba Cloud and/or its affiliates. The names owned by Alibaba Cloud shall not be used, published, or reproduced for marketing, advertising, promotion, or other purposes without the prior written consent of Alibaba Cloud. The names owned by Alibaba Cloud include, but are not limited to, "Alibaba Cloud", "Aliyun", "HiChina", and other brands of Alibaba Cloud and/or its affiliates, which appear separately or in combination, as well as the auxiliary signs and patterns of the preceding brands, or anything similar to the company names, trade names, trademarks, product or service names, domain names, patterns, logos, marks, signs, or special descriptions that third parties identify as Alibaba Cloud and/or its affiliates).
6. Please contact Alibaba Cloud directly if you discover any errors in this document.

Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	Danger: Resetting will result in the loss of user configuration data.
	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	Warning: Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus , page names, and other UI elements.	Click OK.
`Courier font`	It is used for commands.	Run the `cd /d C:/windows` command to enter the Windows system folder.
Italics	It is used for parameters and variables.	`bae log list --instanceid` *Instance_ID*
[] or [a|b]	It indicates that it is a optional value, and only one item can be selected.	`ipconfig` *[-all|-t]*

Style	Description	Example
{} or {a|b}	It indicates that it is a required value, and only one item can be selected.	`swich {stand | slave}`

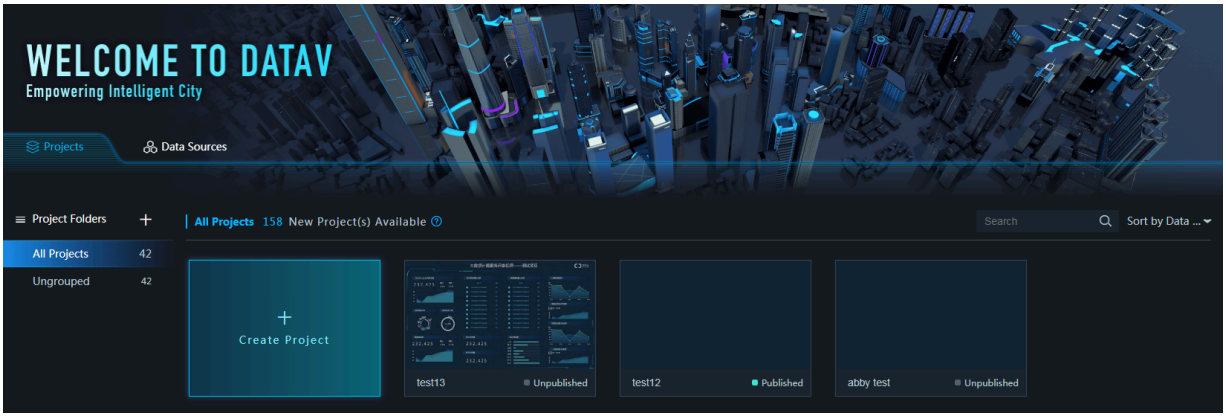
Contents

Legal disclaimer..... I
Generic conventions..... I
1 Features..... 1
1.1 Console overview..... 1
1.2 Manage your workspaces..... 2
1.3 Project folders..... 9
1.4 Sort projects..... 12
1.5 Search for projects by name..... 12
2 Editor overview..... 14

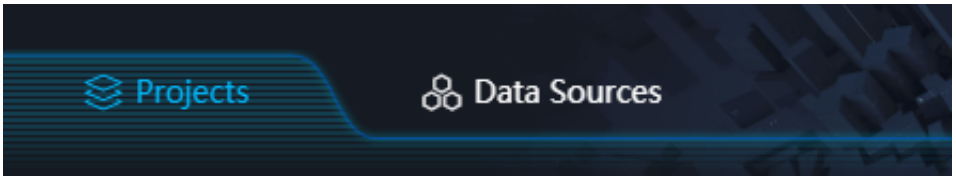
1 Features

1.1 Console overview

After you log on to the DataV console, you can edit visualization projects and manage your data sources.

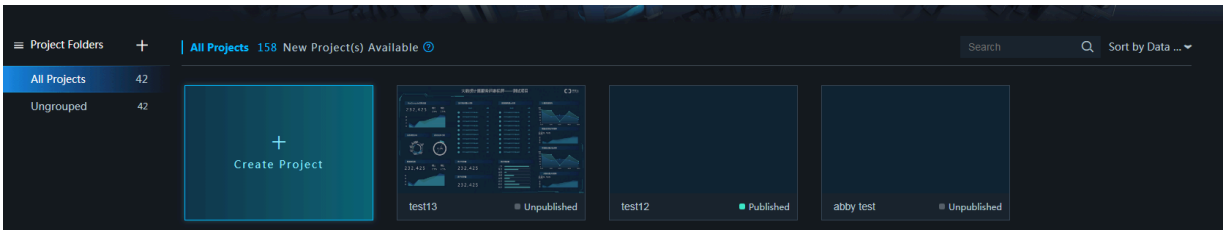


Menu bar



You can manage projects and data sources by clicking the corresponding tabs on the top navigation bar. If you are a Developer Edition user, click Widgets to view all the widgets created by you.

My visualizations



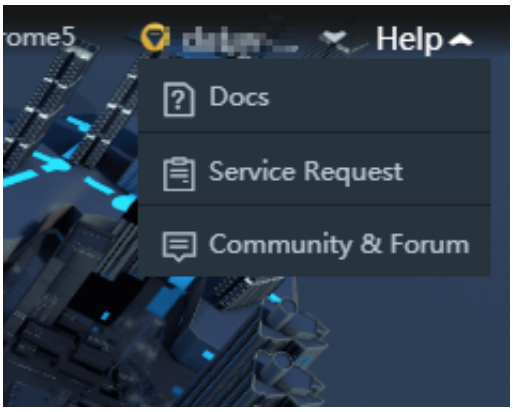
On the Projects page, you can:

- view all the visualization projects created by you, and the number of projects available. The total number of projects you can create varies with the editions. For more information about editions, see What is DataV.

- group your projects.
- sort your projects.
- search for projects by name.

Help

The Help section provides you with more information about DataV. You can read DataV documents and open a ticket by clicking Docs and Service Request to learn more about DataV’ s features and usage techniques..

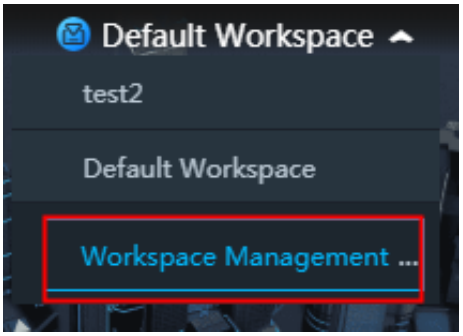


1.2 Manage your workspaces

This topic describes how to use the workspace management function of DataV to manage different projects and user permissions between different projects. Each workspace corresponds to a DataV console.

Use workspaces

1. Log on to the DataV console.
2. From the Default Workspace drop-down list in the upper-right corner of the page, select Workspace Management.



3. Create and configure a workspace.

   On the Workspaces page, you can manage workspaces. Specifically, you can switch, create, view, rename, or delete a workspace as needed. For detailed information, see Manage workspaces.

   After you create and configure a workspace, you can return to the DataV console and refresh the console page.

   > Note:
   > After you refresh the console page for the first time, the default workspace is displayed.

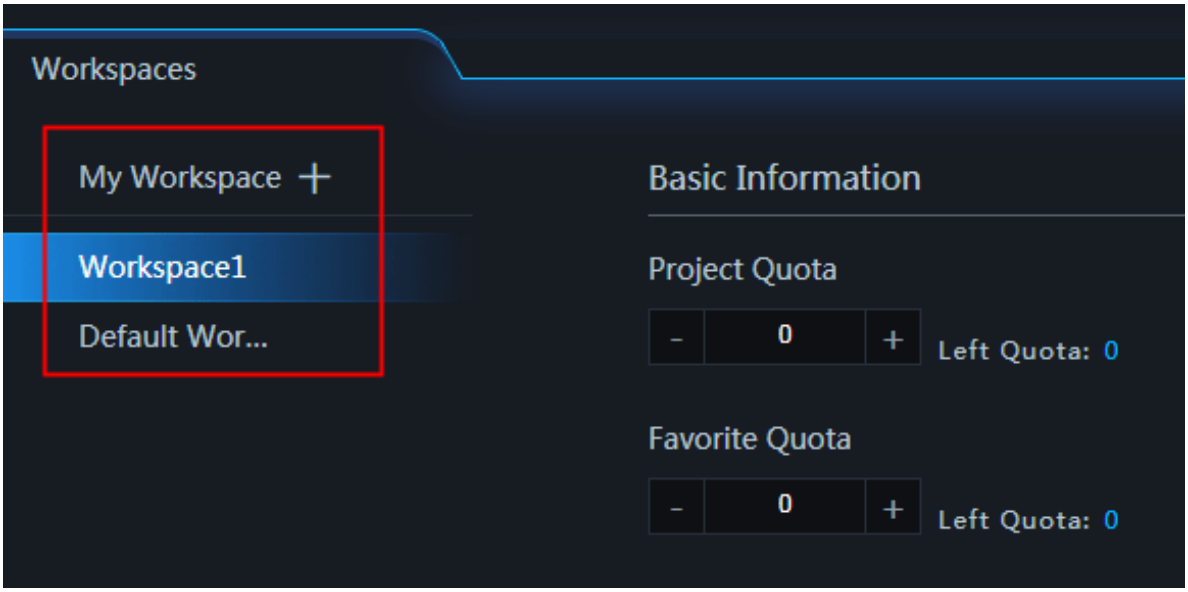
4. Select a workspace from the Default Workspace drop-down list and switch between workspaces.

   You can also copy projects from one workspace to another. For detailed information, see Copy a project to the other workspace.

Manage workspaces

On the Workspaces page, you can:

- Switch between different workspaces by clicking the workspace name.



- Create a workspace by following these steps:

  > Note:

By default, the Basic Edition of DataV provides one workspace, the Enterprise Edition allows you to create one workspace, and the Developer Edition allows you to create four workspaces.

1. Click + on the right of My Workspace.
2. Enter the following information:

   - Name: Enter a name for the workspace.

     Note:
     The workspace name must be unique.

   - Project Quota: Click + or –, or enter a value to adjust the project quota.

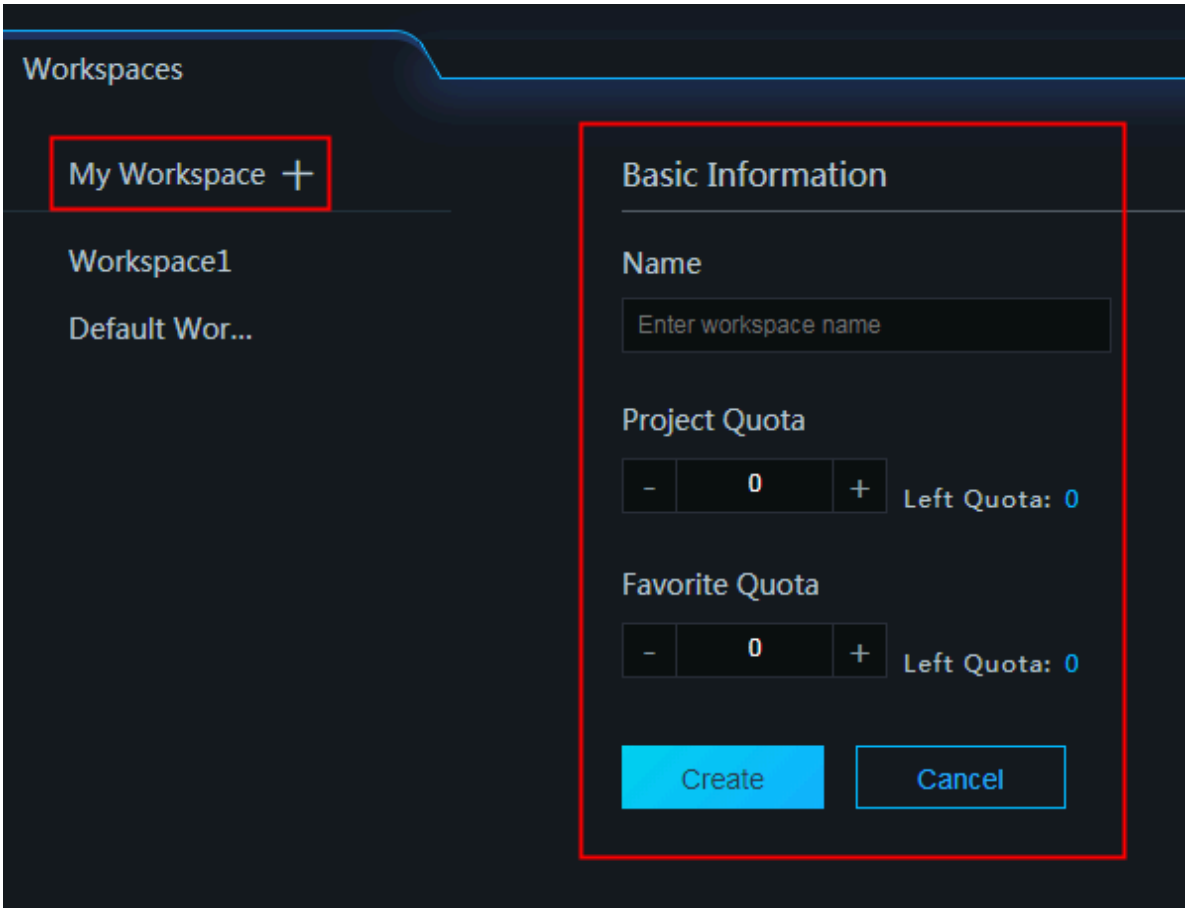
     Note:
     The Enterprise Edition allows you to create 20 projects, and the Developer Edition allows you to create 40 projects.

   - Favorite Quota: Click + or –, or enter a value to adjust the quota of your favorite projects.

     Note:

The Enterprise Edition allows you to add 20 projects to your favorites, and the Developer Edition allows you to add 40 projects to your favorites.

3. Finish or cancel creating the workspace.
   - To finish creating the workspace, click Create.
   - To cancel creating the workspace, click Cancel.



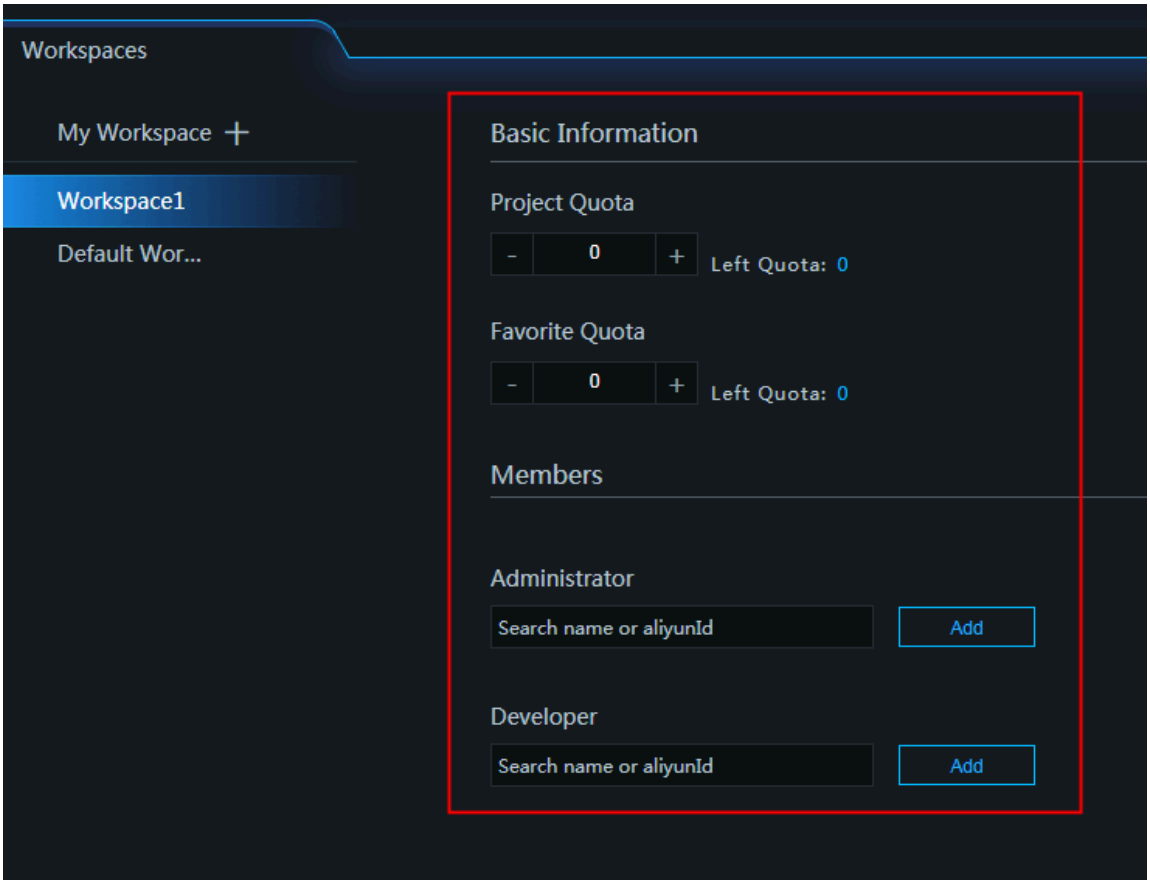
- View and configure a workspace. Click the name of a workspace and configure the workspace by following these steps:
  - Configure the basic information about the workspace.

    Click + or –, or enter a value to set the Project Quota and Favorite Quota.
  - Manage workspace members.

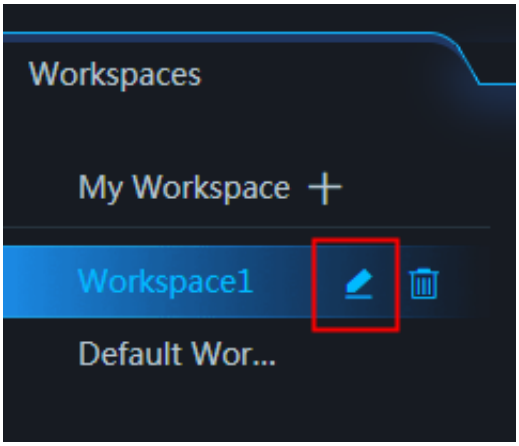
    The permissions of different members are as follows.

Permission	Alibaba Cloud account	RAM administrator	RAM developer
Access the management page of a workspace	Y	Y	
Create a workspace	Y		
Delete a workspace	Y		
Adjust the project quota in a workspace	Y	Y	
Adjust the favorite quota in a workspace	Y	Y	
Manage members in a workspace	Y	Y	
Delete a project in a workspace	Y	Y	
Delete a favorite project in a workspace	Y	Y	
Delete a data source in a workspace	Y	Y	
Delete a group in a workspace	Y	Y	
Delete other data sources in a workspace	Y	Y	Y
Create a project in a workspace	Y	Y	Y
Edit (add, delete, or share) a project in a workspace	Y	Y	Y
Rename a project in a workspace	Y	Y	Y
Create or edit other resources in a workspace	Y	Y	Y
Grant permission to a widget package	Y		
Upload a widget to a widget package	Y	Y	Y

    - Add a RAM administrator. In the Administrator field, enter the username or the ID of the target RAM user and click Add.
    - Add a RAM developer. In the Developer field, enter the username or the ID of the target RAM user and click Add.
    - Delete a workspace member. In the member list, locate the target workspace member and click the Delete icon.



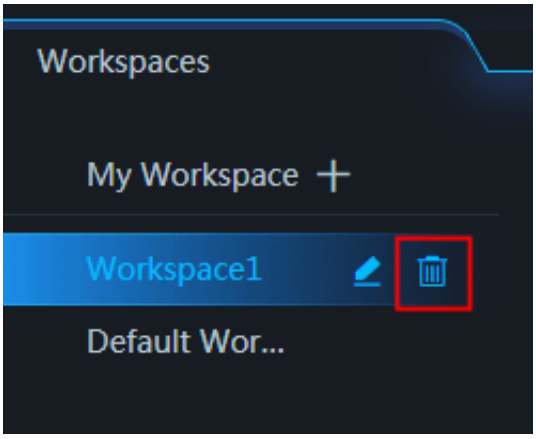
- Rename a workspace. Move the pointer over the workspace name and click the Edit icon.



- Note:

Once a workspace is deleted, it cannot be recovered.

Delete a workspace. Move the pointer over the workspace name and click the Delete icon.

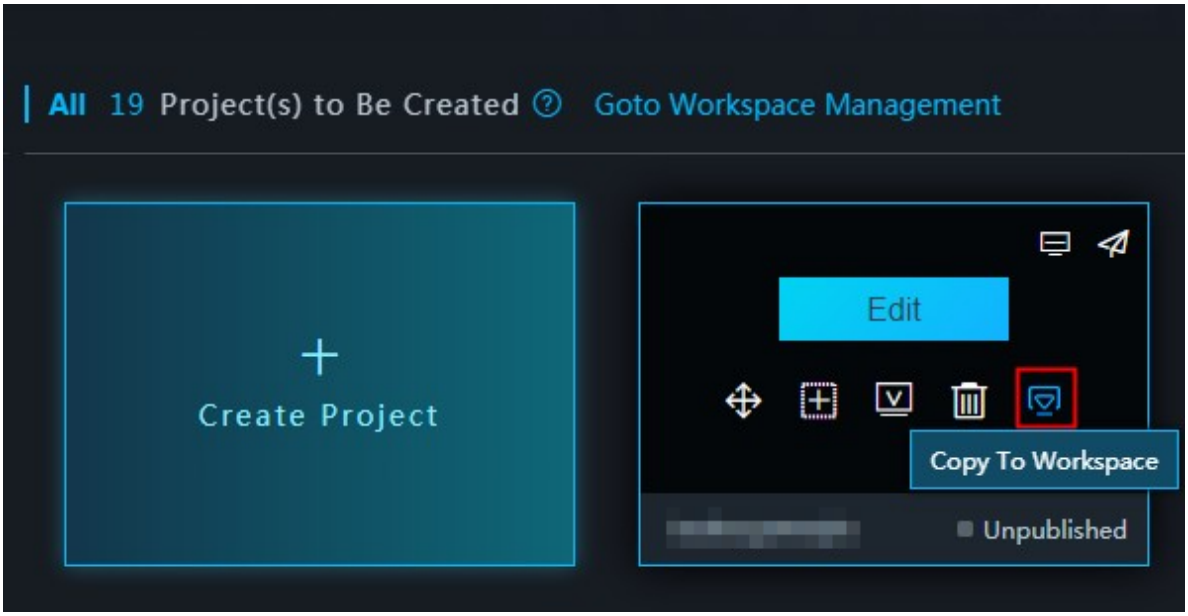


Note:
Only the Alibaba Cloud account administrator has the permission to delete a workspace. Before the administrator deletes a workspace, make sure the workspace does not have any projects, data sources, groups, or favorite widgets.

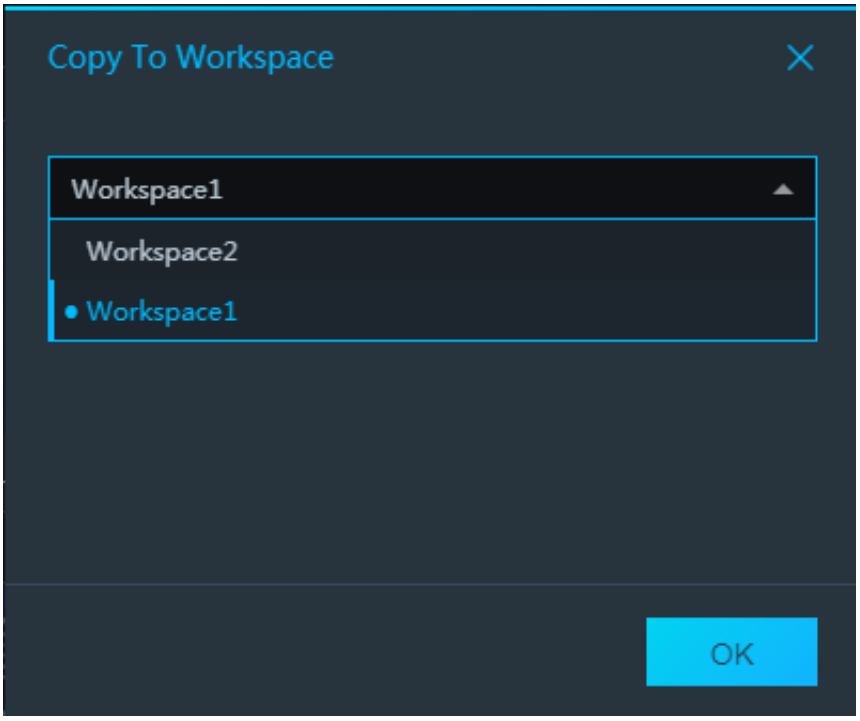
Copy a project to the other workspace

In the DataV console, you can copy a project from a workspace to another workspace by following these steps:

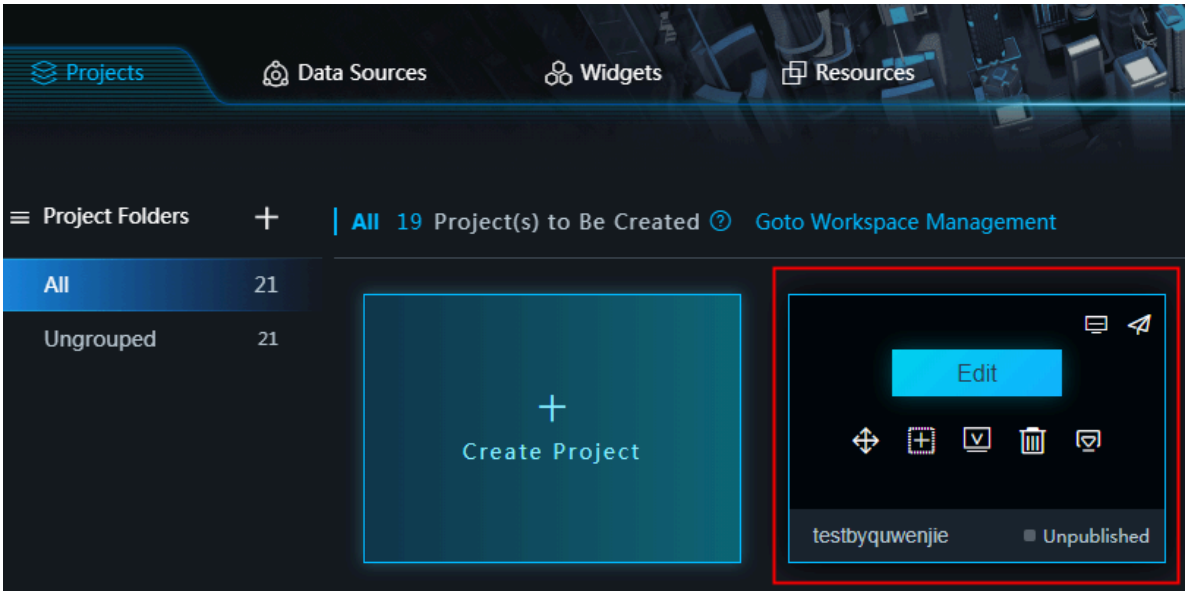
1. Move the pointer over the target project and click Copy to Workspace.



2. Select the target workspace and click OK.



3. Switch to the target workspace and view the project that you have copied.



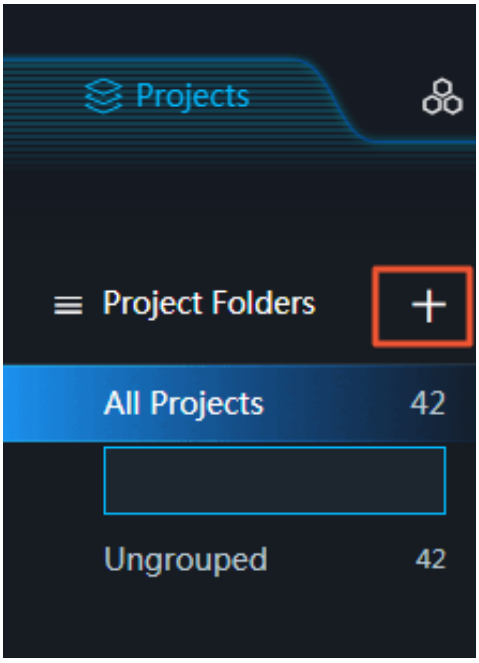
1.3 Project folders

The project grouping feature allows you to reorganize DataV projects for improved functionality.

Procedure

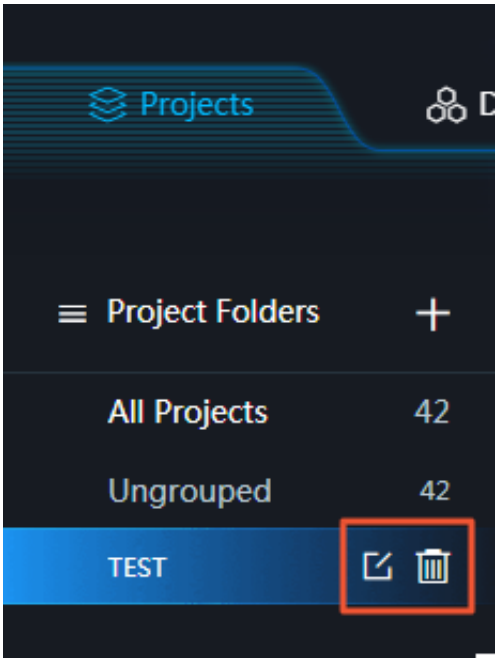
1. Log on to the DataV console, to go to the Projects pane.

2. Click + on the right side of Project Folders.

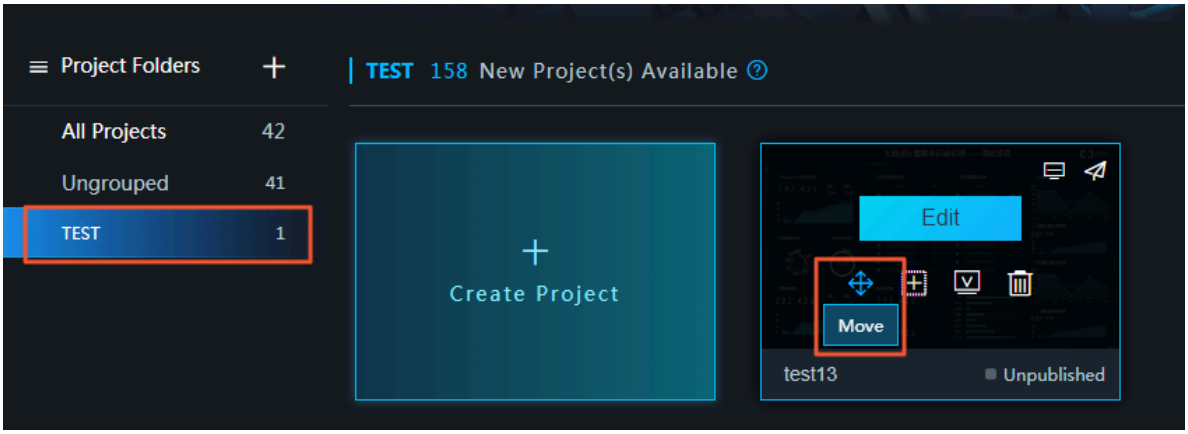


3. Enter a group name to create a new group.

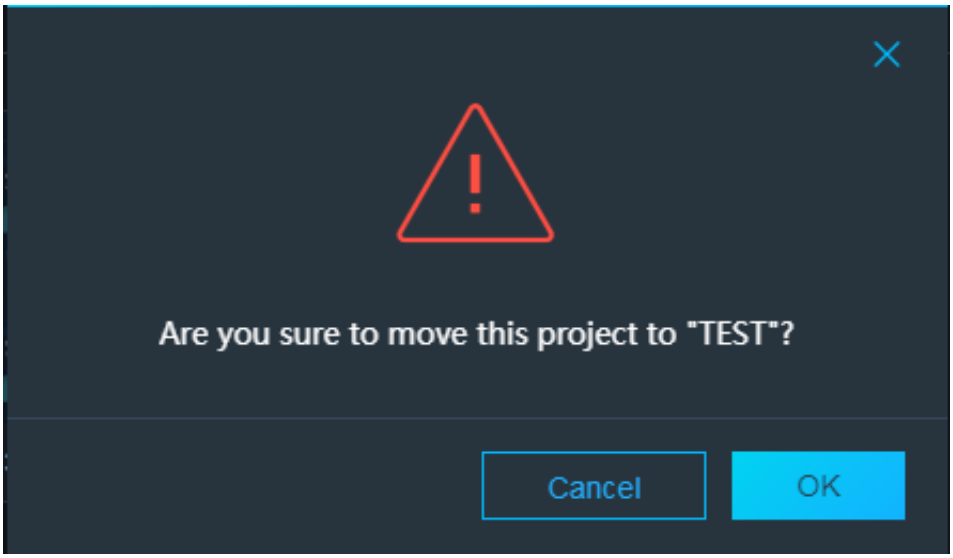
> Note:
> To delete a group, click the trash bin icon. Associated projects will then be ungrouped.



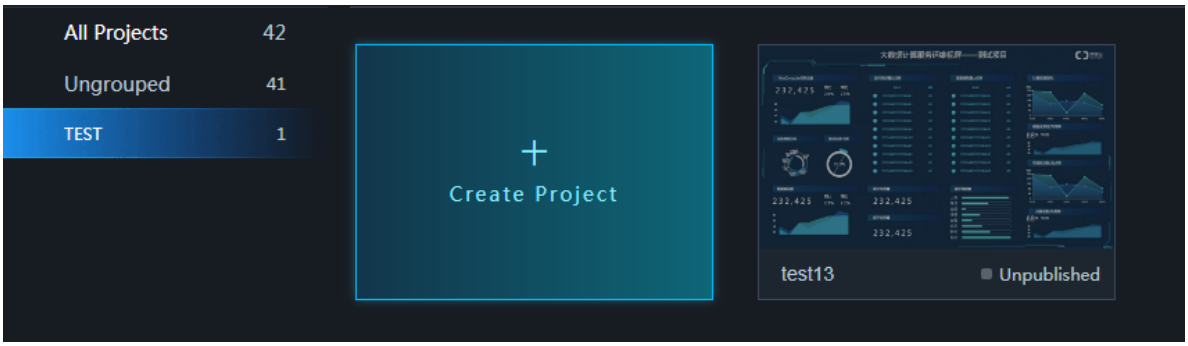
4. Move the pointer over the project you want to group, click the four arrows icon, and drag the project to the group that has been created on the left side of the page.



5. Click OK.



6. Click the group to view the projects that it contains.

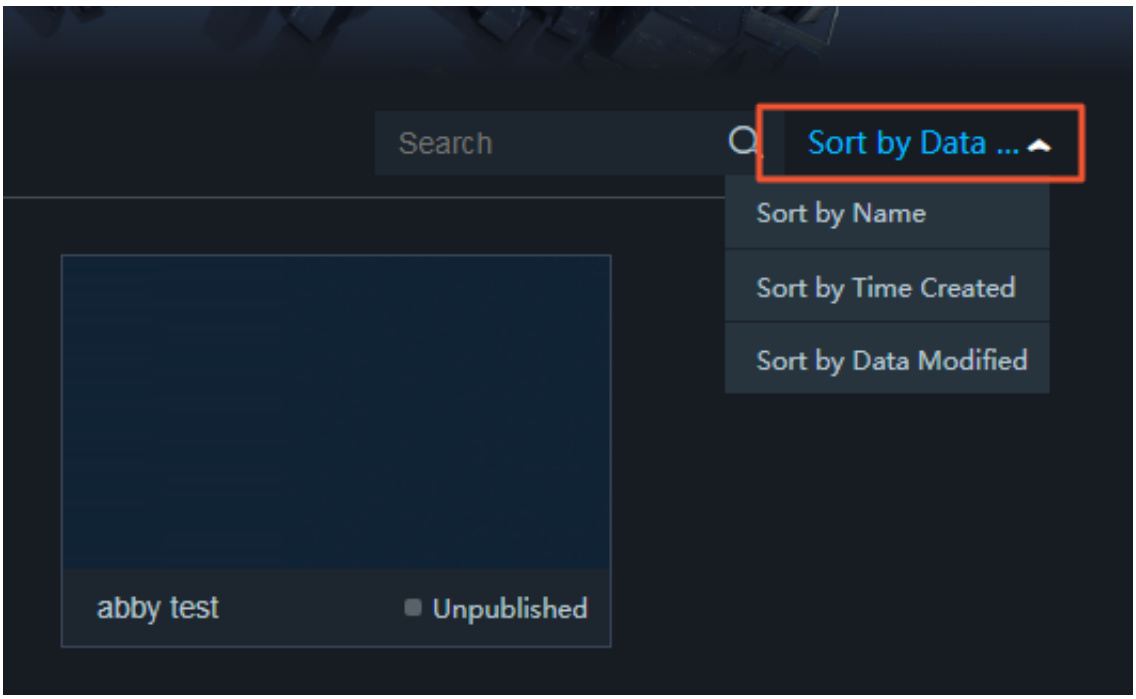


1.4 Sort projects

DataV updates enable you to sort projects by Name, Time Created, and Time Modified.

Procedure

1. Log on to the DataV console to go to the Projects panel.
2. Move the pointer over the Sort by Data Modified (by default) button on the far right of the page, and click a sort type.



Note:
DataV provides three types of sorting methods Name, Time Created, and Data Modified.

1.5 Search for projects by name

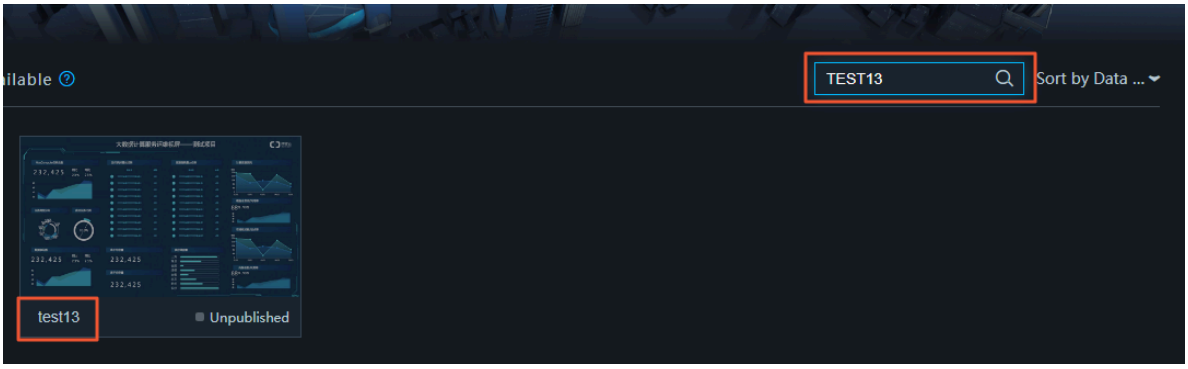
The DataV provides a search box. You can search for a big screen project by entering its name.

Procedure

1. Log on to the DataV console to go to the Projects pane.

2. In the search box on the right side of the page, enter the name of the project that you want to find.

   The project with the corresponding name is matched, as shown in the following figure.



2 Editor overview

In the Projects pane, select a project. On the project editor page, you can view a project, edit a project, and manage various widgets.

Layers

The Layers list helps you view and manage the order of layers for your project. In DataV, each widget added in a canvas forms a layer. You can manually adjust the position of each widget.

Toolbar

You can view the toolbar at the top of the editor page. You can use functions provided in the toolbar to modify, enhance, preview, and publish your project.

Page settings

To view the Page Settings pane, click the blank area of a canvas, and the Page Settings pane is displayed on the right side of the page.

In the Page Settings pane, you can adjust the page and grid size of a project, set a background image, and select a Fit Type. Enterprise Edition users can remove the DataV watermark, an exclusive function for Enterprise Edition.

- Page size

  You can set the screen resolution in the `Page Size` field. The default resolution is 1920 x 1080.

- Background image

  You can upload an image of up to 1 MB as the background of a project.

- Fit type

  The selection of the zoom mode corresponds to how a project is displayed.

  If your project cannot be displayed on standard screen sizes, we recommend that you use Full Screen mode.

- Grid size

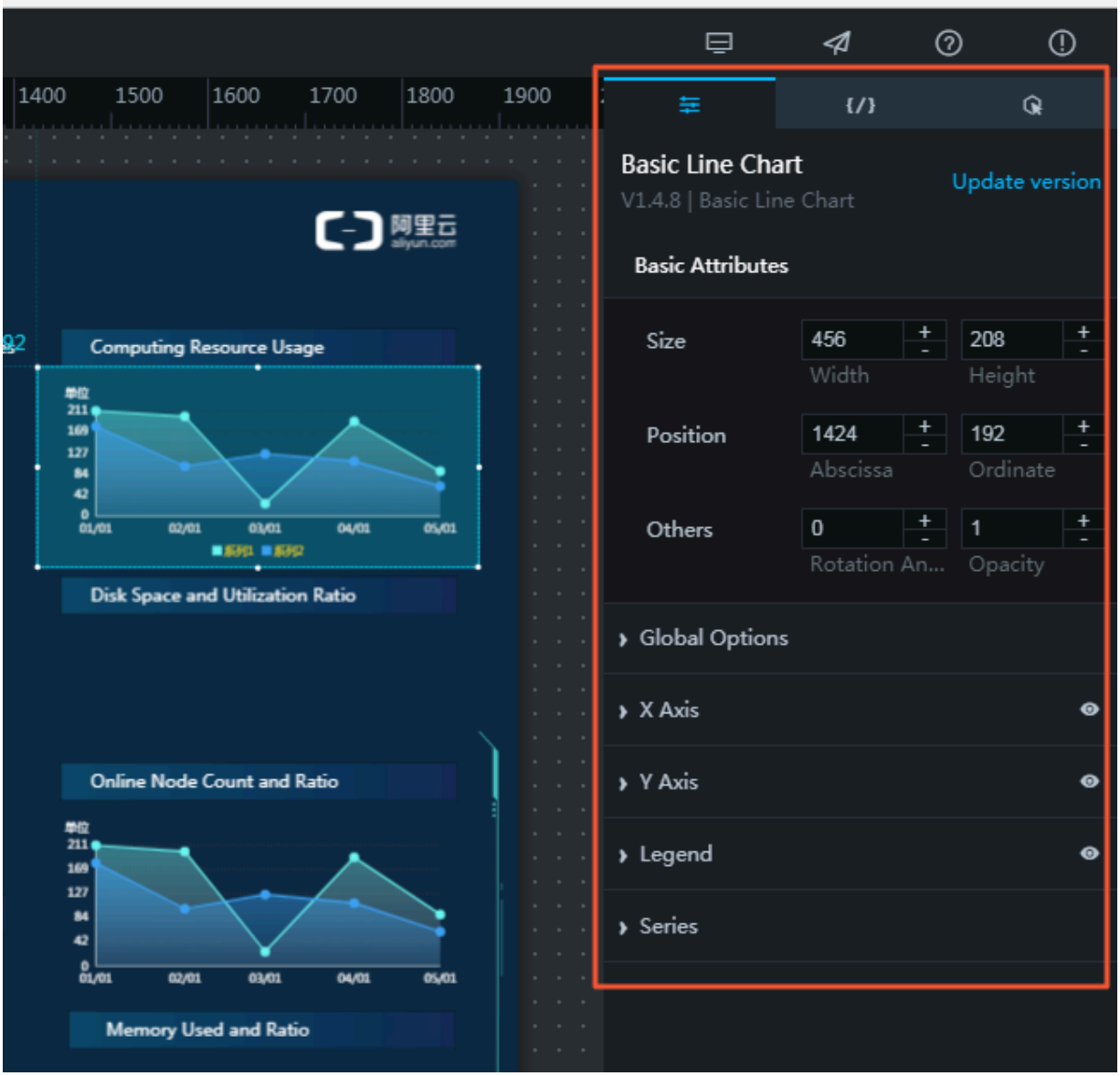
  The grid size is the smallest movement unit of a widget on a canvas. The borders of widgets automatically expand to the edges of grids based on the grid size. The smallest smooth movement value is 1 pixel.

- Project cover

  You can click Capture Thumbnail to automatically capture an image as a thumbnail on the My Project page.

- DataV watermark (Enterprise Edition)

  Deselect to remove the DataV watermark.

Widget settings

On the right-side of the page, click any widget on a canvas to view Style, Data, and Interaction tabs. Here, you can configure the style and data sources of each widget.