

Site Settings

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Managing data-related site settings

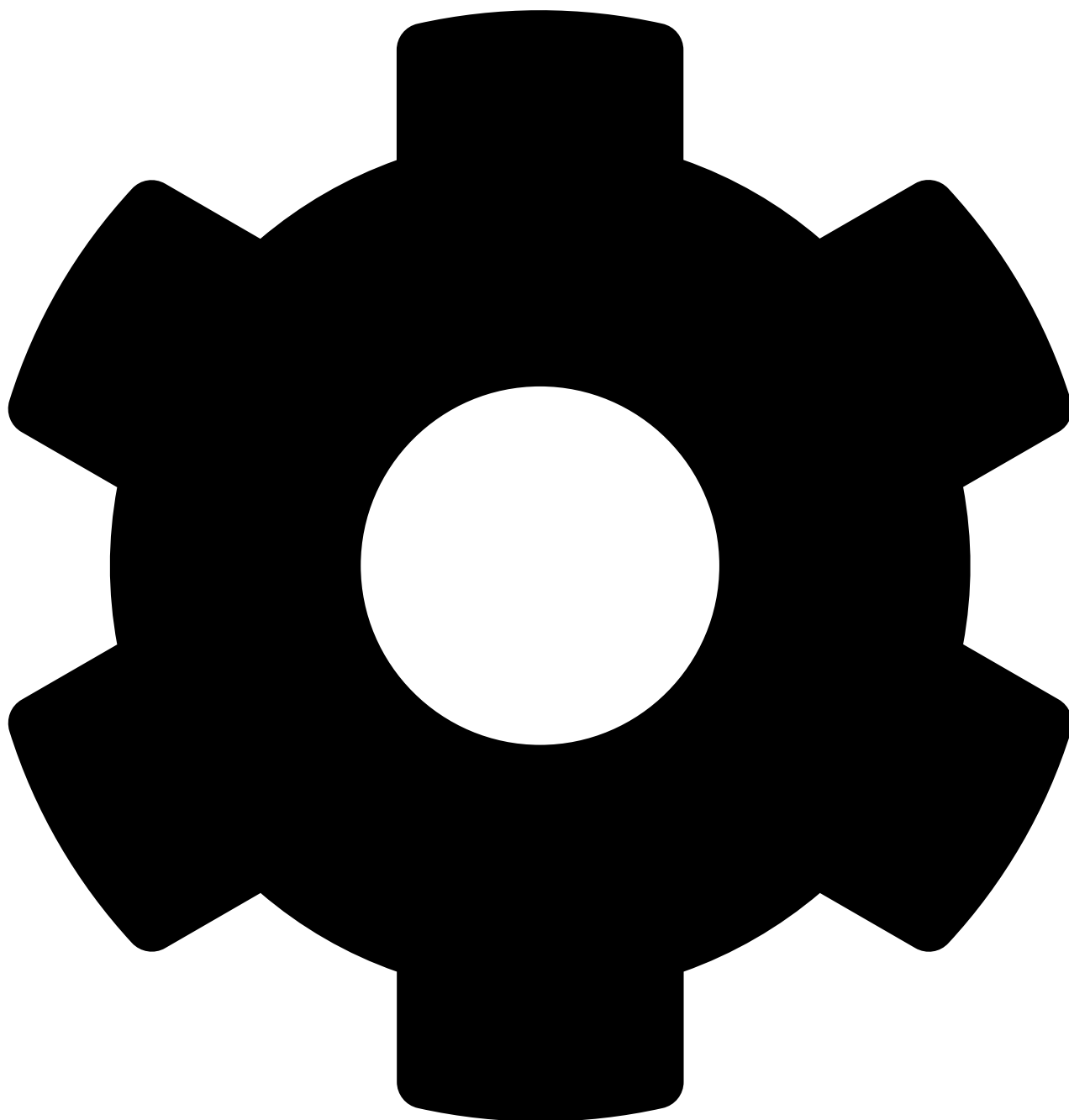
Cloudera Data Visualization offers extensive configurability with various site-wide settings, allowing you to enable or disable specific data features and adjust related settings.

About this task

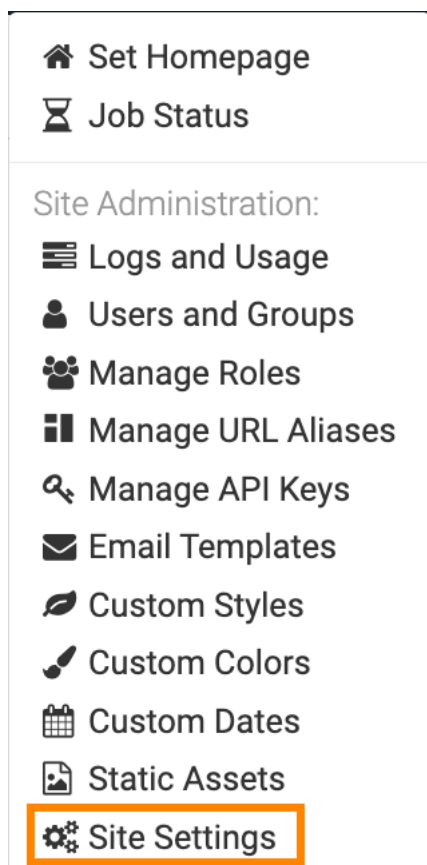
The Site Settings menu is available only to users with administrative privileges.

Procedure

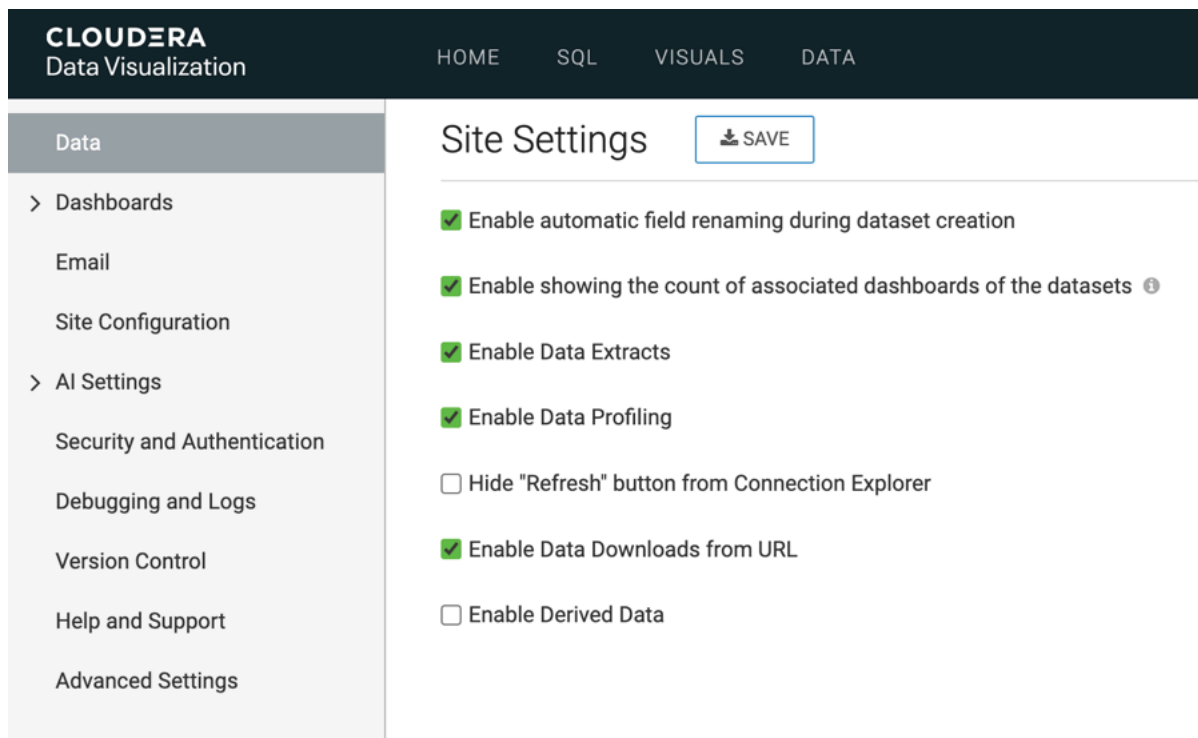
1. Click the



icon on the main navigation bar to open the Administration menu and select Site Settings.



The Site Settings interface opens on the Data page.



2. Set the option(s) that you want to use.

Enable automatic field renaming during dataset creation

This option allows you to automatically rename dataset fields for better readability. Fields with underscores are converted into multi-word fields. For example: `un_region` becomes `Un Region`.

Enable showing the count of associated dashboards of the datasets

This option allows you to choose to display the count of dashboards associated with each dataset.



Tip: Disable this option if the Data page is loading slowly.

Enable Data Extracts

This option allows you to make the Data Extracts functionality available to users.

Enable Data Profiling

This option allows you to enable users to analyze and summarize data characteristics in a dataset. This feature helps to understand data quality, structure, and identify patterns and trends for more informed decision making.

Hide "Refresh" button from Connection Explorer

This option allows you to hide the Refresh button to have better control over data updates.

Enable Data Downloads from URL

This option allows you to enable users to download data directly from a specified URL address.

Enable Derived Data

This option allows you to enable Derived Data for high-level analyses, such as query stacking, cohort analysis, and back joins.

3. Save your changes for the updated site settings to take effect.

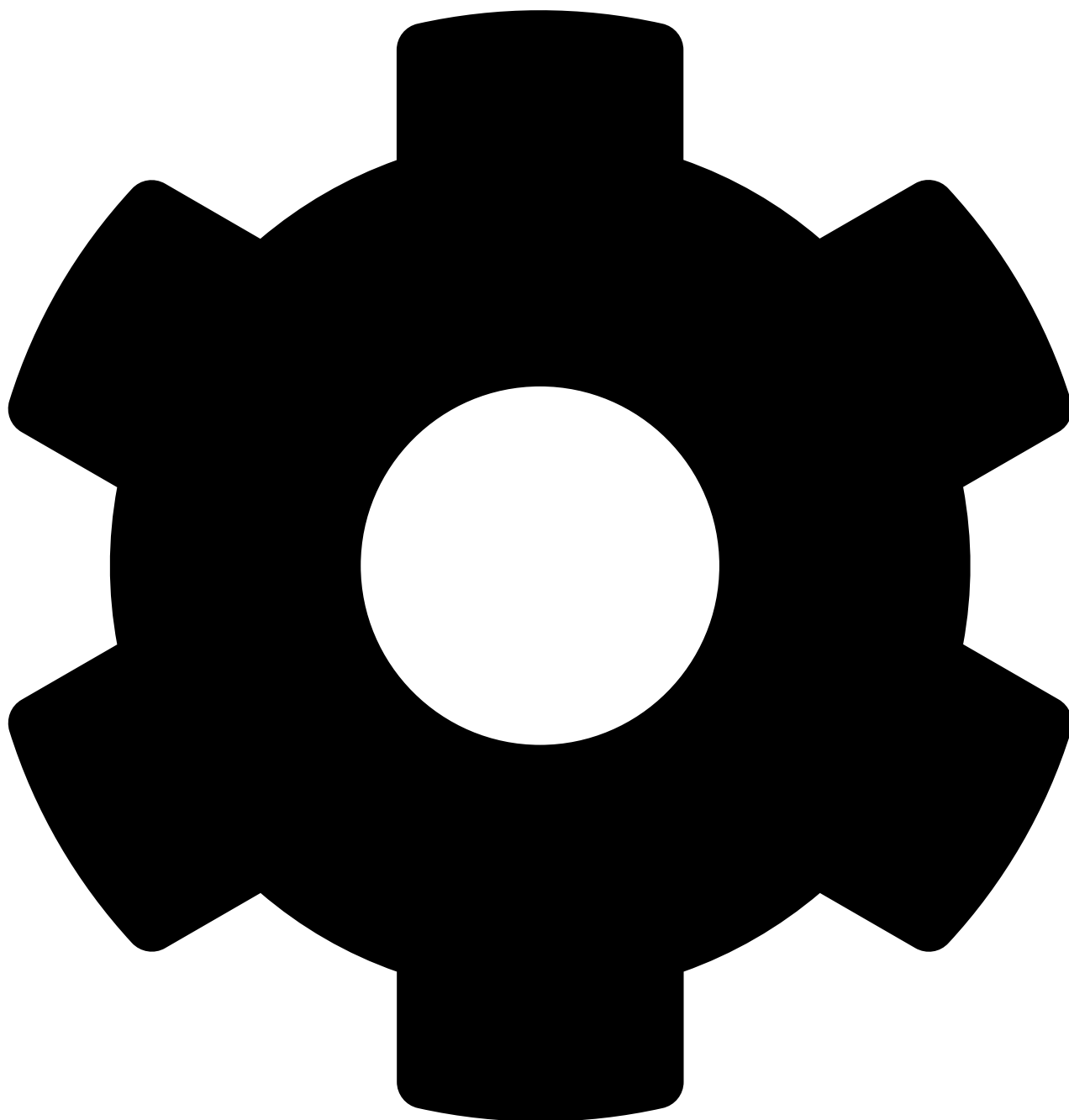
Remember: You do not need to restart the Cloudera Data Visualization application.

Managing dashboard site settings

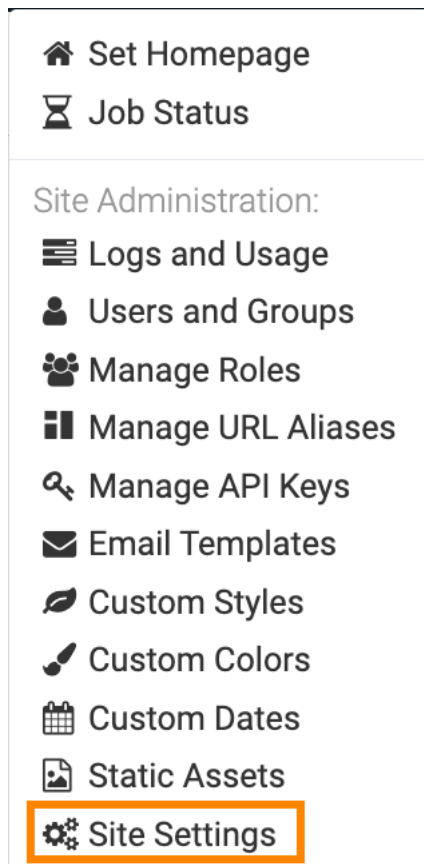
The Site Settings menu lets administrators configure dashboard behavior and features. These settings are only available to users with administrative privileges.

Procedure

1. Click

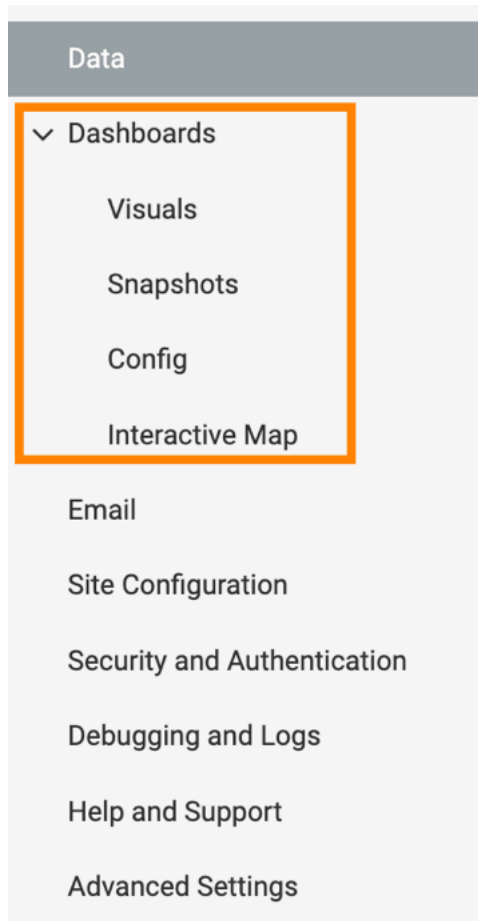


on the main navigation bar to open the Administration menu and select Site Settings.



The Site Settings interface opens on the Data page.

2. Open the Dashboards menu from the left navigation and select one of the options available.



Visuals

You can enable various advanced options for visuals.

About this task

The Site Settings menu is only available to users with administrative privileges.

Remember:

Save your changes for the updated site settings to take effect, but you do not need to restart the Cloudera Data Visualization application.

Site Settings

SAVE

☒ Enable Explore

☒ Enable Visual Transitions

Max Count Of Trellises To Be Displayed Before Warning

17

Maximum data results size for visuals and downloads (in MB)

10

Impala, Hive, SQLITE connection CSV/Excel downloads are not limited by this size

Maximum data rows for visuals

10000000

Maximum width of canvas visuals ⓘ

8000

☒ Enable Custom Styles

☒ Show Descendant Dashboard information on the Visuals page

☐ Enable legacy crosstab visual

☒ Enable Search Visual

☒ Enable "Download as CSV/Excel" by default

Maximum data rows for download requests

1000000

Enable explore

You can use the explore function to find the best visualization for your data request. It suggests new visual types and options based on the information you already use in existing visuals. For more information, see *Exploring visual options*.

To enable this function, select the Enable Explore option under **Dashboards Visuals** in the site settings.

Enable visual transitions

You can use transitions to animate visuals during loading and refresh operations. The visual types that use visual transitions include bars, lines, combo, area, scatter, grouped bar, histogram, sparklines, pie, packed bubbles, and correlation heat map.

To enable the transition function, select the Enable Visual Transitions option under **Dashboards Visuals** in the site settings.

Set maximum count of trellises to be displayed before warning

To adjust the maximum count of trellises, select the appropriate value for Max Count Of Trellises To Be Displayed Before Warning under Visuals.

Set maximum data results size for visuals and downloads

To adjust the maximum data results size, enter a value in the Maximum data results size for visuals and downloads (in MB) text box under Dashboards Visuals .



Important: Impala, Hive, SQLITE connection CSV/Excel downloads are not limited by this size.

Set maximum data rows for visuals

You can provide an upper limit for the number of rows rendered in a visual request. Sometimes an inexperienced or malicious user can create a visual requesting billions of rows. This may result in excessive resource consumption at the server level and the result might be too large to render in the client browser.

To avoid this scenario and provide an upper limit on the number of rows rendered, enter a value in the Maximum data rows for visuals text box under Dashboards Visuals in the site settings.

At the individual visual level, the setting in the Maximum number of rows to fetch option in the Data menu of the Visual Designer overrides this default behaviour.

At the site level, the setting in the Maximum data rows for visuals option overrides the setting in the Maximum number of rows to fetch option.

Set maximum width of canvas visuals

Cloudera recommends that you designate a reasonable maximum width for canvas visuals considering performance reasons. Overly wide visuals that display streaming data may cause the Internet browser to crash.

To set the maximum width value, enter a value in the Maximum width of canvas visuals text box under Dashboards Visuals in the site settings.

Enable custom styles

You can enable custom styling to set the appearance of visuals, dashboards, filters, and applications through CSS and JS scripting. For more information on using custom styles, see *Adding custom styles to visuals*.



Note: You must also have the Manage custom styles permission to use CSS and JS customizations.

To enable the feature, check the Enable Custom Styles option under Dashboards Visuals in the site settings.

Show descendant dashboard information

You can choose to show descendant dashboard information on the Visuals page.

To enable the feature, check the Show Descendant Dashboard information on the Visuals page option under Dashboards Visuals in the site settings.

Enable legacy crosstab visual

You can make the legacy crosstab visual type available to users.

To enable the feature, check the Enable legacy crosstab visual option under Dashboards Visuals in the site settings.

Enable the search visual

You can only add the search visual to the Visual Catalog if Search is enable under Site Configuration. Once you have enabled search, the two associated options are also automatically enabled:

Enable Search Visual

You can find it under Dashboards Visuals

Enable Search in Menu Bar

You can find it under Site Configuration.

Set CSV/Excel download as default

In Cloudera Data Visualization, you can download data in a visual in CSV or Excel format.

To make this download option default, check the Enable "Download as CSV/Excel" by default option under Dashboards Visuals .

Set maximum data rows for download requests

Sometimes an inexperienced or malicious user can download a large number of rows. This may result in excessive resource consumption at the server level.

To avoid this scenario and provide an upper limit on the number of rows downloaded in a CSV file, enter a value in the Maximum data rows for download requests text box under Dashboards Visuals .



Important: This setting overrides the setting specified by the user in the Number of rows downloaded during CSV export and Detailed Data option in the Data menu of the Visual Designer. For more information, see *Changing number of rows to download*.

Related Information

[Exploring visual options](#)

[Adding custom styles to visuals](#)

[Changing number of rows to download](#)

Snapshots

The group of snapshot settings enables you to take snapshots of your actual visuals and dashboards, which you can then download as PNG files.

About this task

The Site Settings menu is only available to users with administrative privileges.

Snapshots replace the standard thumbnails that appear in the Visuals interface with miniaturized versions of the visual or dashboard. This customization makes it very easy to locate the visuals and dashboards you want to use.

You can configure the following settings:

- Check Enable snapshots (required for thumbnails, email, and image downloads).
- Check Enable "Download as Image/PDF" by default
- Set the IP/Hostname to use to connect back to the server. You can use the default value or change it to connect to a different server.

The Site Settings menu is only available to users with administrative privileges.

Site Settings

SAVE

☒ Enable snapshots (required for thumbnails, email, and image downloads)

☒ Enable "Download as Image/PDF" by default

IP/Hostname to use to connect back to the server

http://127.0.0.1:8100

Remember:

Save your changes for the updated site settings to take effect, but you do not need to restart the Cloudera Data Visualization application.

Config

The following options allow administrators to control the behavior and appearance of dashboards.

About this task

The Site Settings menu is only available to users with administrative privileges.

Set default width of dashboards

To specify a default width for dashboards, enter a value in pixels for Default Dashboard Width under **Dashboards Config** in the site settings.



Note: If you clear the field, all dashboards automatically resize to the full width of the browser window.

Set load warning for dashboards in View mode

To set the warning, check the Show "This dashboard is still loading data" in view mode option under **Dashboards Config** in the site settings.

This enables a warning when dashboard data takes longer than expected to load.

Remember:

Save your changes to apply the updated site settings. Restarting the Cloudera Data Visualization application is not required.

Enable commenting

To enable commenting on visuals and dashboards, select **Enable Commenting (Tech Preview)** under **Dashboards Config** in the site settings. For detailed guidance on using comments, see *Commenting on visuals and dashboards*.

Interactive Map

About this task

The Site Settings menu is only available to users with administrative privileges.

Enable API keys for interactive map visuals

Your organization must obtain its own credentials for Google Maps, either Google API Id or Google Client Id. To obtain Google Maps keys, see [Google Maps APIs](#).

For the Mapbox interface, your organization must get a Mapbox Token and the Mapbox Style ID, specified for each visual in the Settings menu. Cloudera Data Visualization already has a default mapbox token. To obtain new Mapbox tokens and Style IDs, see [Mapbox](#).

Specify atlas mapbox server

You can use a [Mapbox](#) server or specify an Atlas Mapbox server at the site level to run Mapbox APIs on your own infrastructure, whether on your own private cloud or on-premises.

To specify an Atlas Mapbox server at the site level, Enter the IP address or hostname of the Atlas Mapbox server in the IP/Hostname of Atlas Mapbox Server (optional) text box.



Note: In an interactive map visual, the Atlas Mapbox server for visual setting under the Settings > Map Server menu, overrides the IP/Hostname of Atlas Mapbox Server (optional) setting defined under Site Settings.

Site Settings

SAVE

Google API Id

Google Client Id

Mapbox Token

pk.eyJ1IjoieY3NzaGVycnkiLCJhIjoieY2trN2ZnY'

IP/Hostname of Atlas Mapbox Server (optional)

Remember:

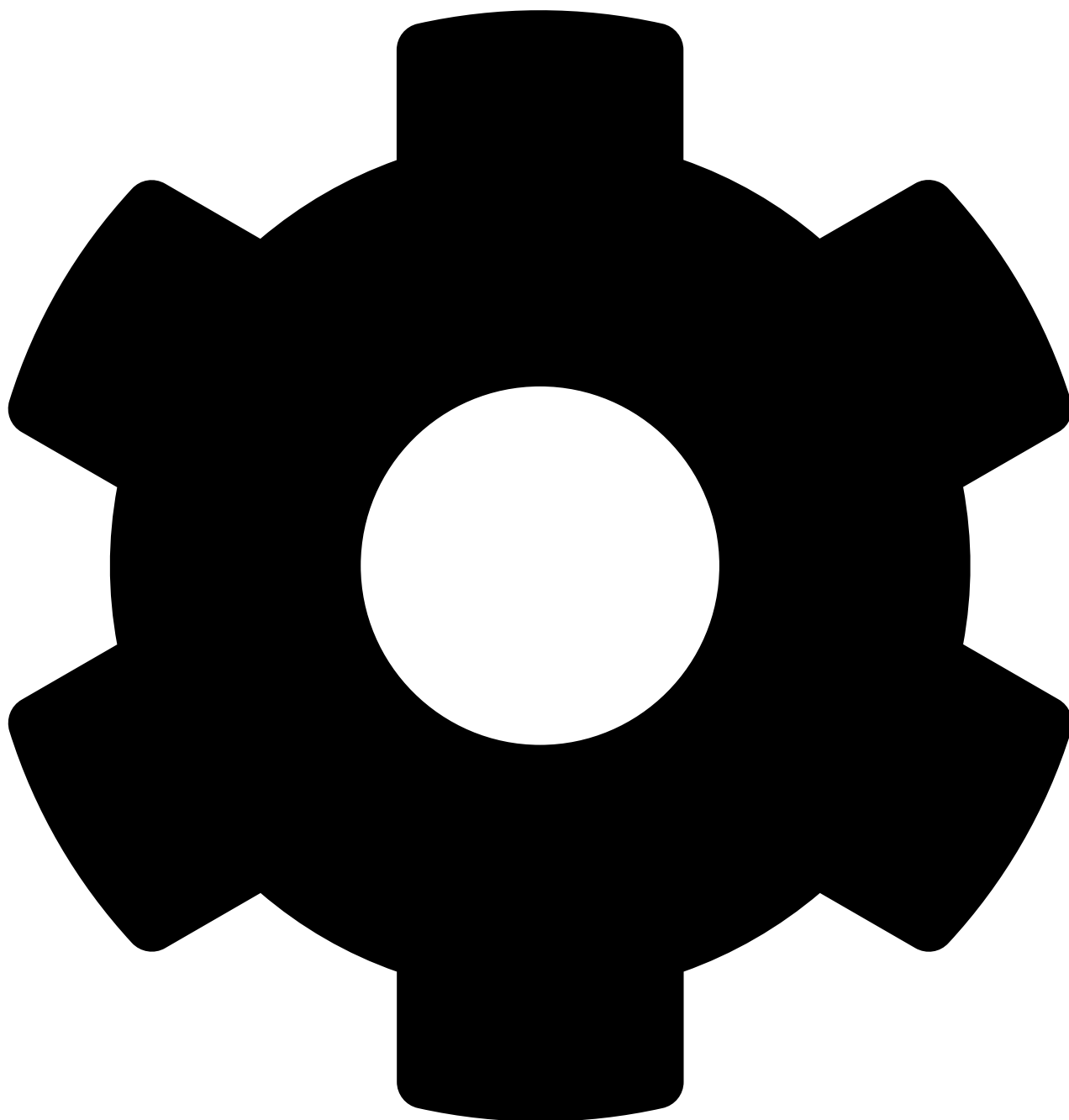
Save your changes for the updated site settings to take effect, but you do not need to restart the Cloudera Data Visualization application.

Managing email related site settings

Cloudera Data Visualization is highly configurable, with many site-wide settings. You can configure email related details and customize additional email settings to enable users to share visuals through email.

Procedure

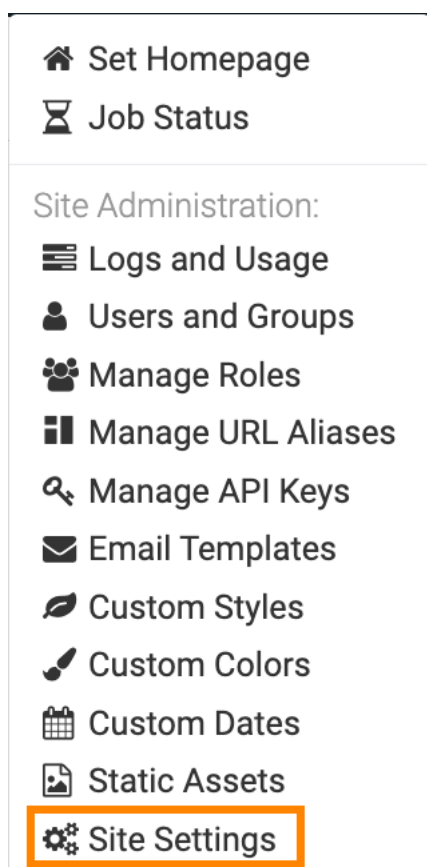
1. Click the



icon on the main navigation bar to open the Administration menu and select Site Settings.



Note: The Site Settings menu is only available to users with administrative privileges.



The Site Settings interface opens on the Data menu.

2. Open the Email page from the left navigation.
3. Check the Permit emails option to allow users to email visuals and receive job and extract refresh status messages.
4. Enter the Email Address and Password.

Optionally, you can also enter your Username. If you do not enter anything in this text box, your email address is used as the default value.

These details have to belong to a valid account, and all future emails originate from this account.

5. Enter the SMTP Host.
6. Enter the Port.
7. For Email protocol, select the appropriate option based on provider: SSL, TLS, or None.

8. Enter the Default email subject prefix.

The default prefix value is [Cloudera Data Visualization].

Site Settings

SAVE

☒ Permit emails ⓘ

Email Address

Username

Optional: Defaults to email address if empty

Password

SMTP Host

Port

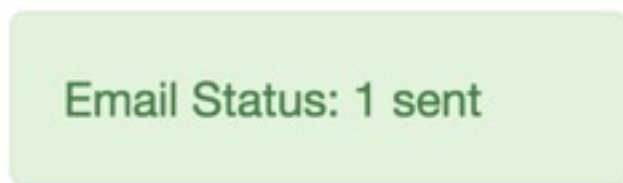
Email protocol
☒ SSL ☐ TLS ☐ None

Default email subject prefix

SEND TEST EMAIL

9. Test the email functionality by clicking SEND TEST EMAIL.

If the settings are correct, you should see a success message:



10. Save your changes for the updated site settings to take effect.

Remember: You do not need to restart the Cloudera Data Visualization application.



Note: When using Google Email (Gmail), you may be using 2-factor authentication, which requires an app password. If you are **not** using 2-factor authentication, you must enable access for less secure apps. For more information, review the following external documentation:

- [Less secure apps and your Google Account](#)
- [How to create app passwords](#)

Managing site configuration

Cloudera Data Visualization allows you to define site configuration globally. Site settings configuration is only available to users with administrative privileges.

Notifications

You can mute notifications on the Cloudera Data Visualization site.

To enable the feature, check the Mute Notifications option under Site Configuration and save your changes for the updated site settings to take effect. This prevents users from receiving notifications from Cloudera Data Visualization.

Speech detection

You can activate speech detection on the Cloudera Data Visualization site.

To enable the feature, check the Enable Speech Detection option under Site Configuration and save your changes for the updated site settings to take effect.

Search

To enable search in Cloudera Data Visualization, check the Enable Search option under Site Configuration and save your changes for the updated site settings to take effect.

Once search is enabled, the two associated options are also automatically enabled:

Enable Search Visual

You can find it under Dashboards Visuals

Enable Search in Menu Bar

You can find it under Site Configuration

If you do not need the Search visual or Search in the Menu Bar, deselect the corresponding check box.

Scheduled jobs

You can schedule a number of jobs, either at fixed times or as a response to triggering conditions.

To enable the feature, check the Enable scheduled jobs option under Site Configuration.

Remember:

You must save your changes and restart the Cloudera Data Visualization application for the changed site setting to take effect.

Usage analytics (Technical Preview)

If you want to use a dynamic dashboard with visualizations generated from the audit logs displayed on the Activity Log tab, you can add Cloudera Data Visualization Usage Analytics to the Logs and Usage interface.

To enable this feature, check the Enable Cloudera Data Visualization Usage Analytics (Tech Preview) option on the Site Configuration page.

Additionally, you have the option to set parameters for the handling of usage data. You can specify the maximum number of days for usage data to remain valid, and you can also delete all usage data.

Site Settings

 SAVE☐ Mute Notifications☒ Enable Speech Detection on site (Tech Preview)☒ Enable Search☒ Enable Search in Menu Bar☒ Enable scheduled jobs ⓘ☒ Enable Cloudera Data Visualization Usage Analytics (Tech Preview)**Maximum days for expiring usage data****Remember:**

You must save your changes and restart the Cloudera Data Visualization application for the changed site setting to take effect.

Managing AI settings

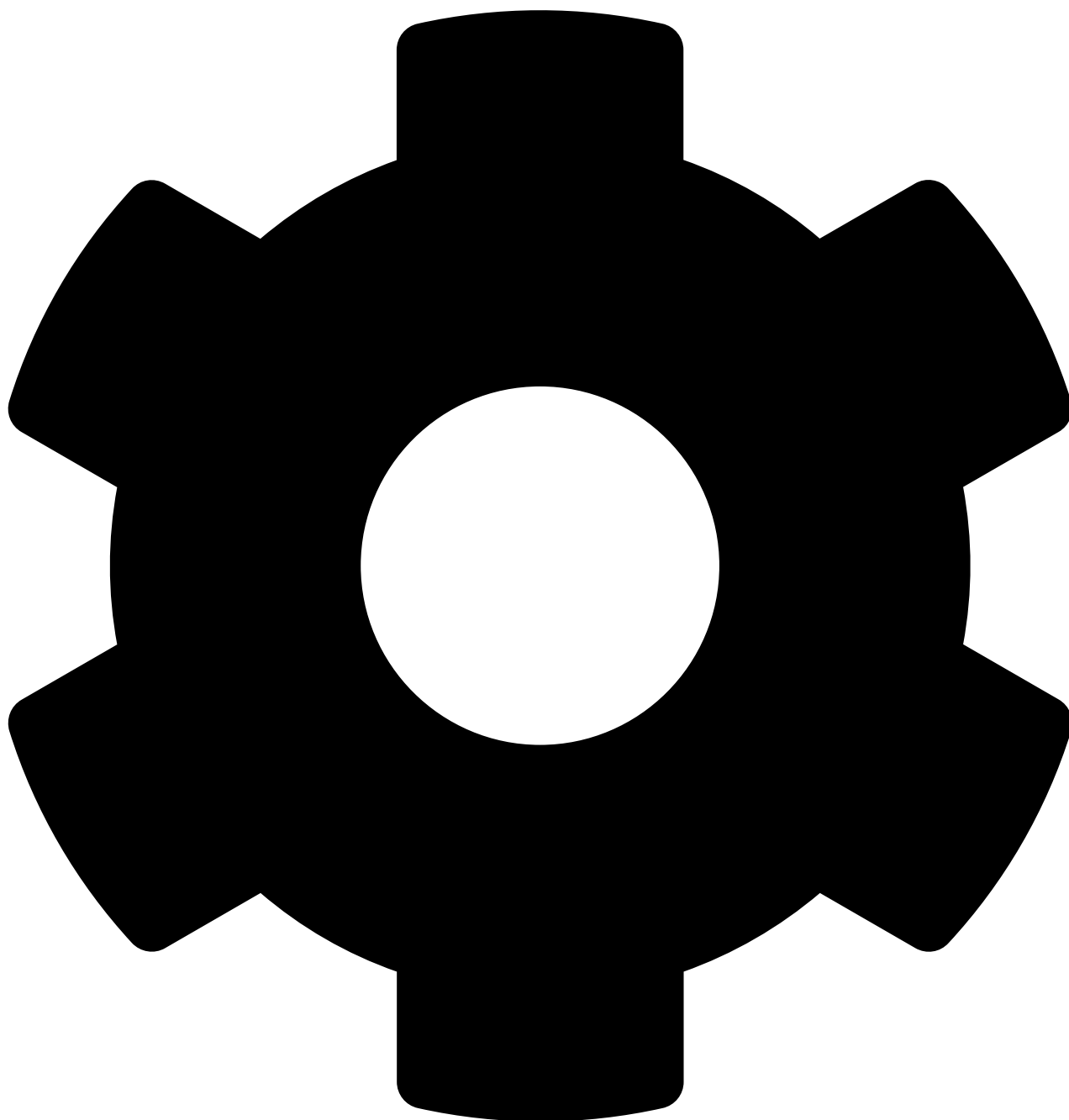
Cloudera Data Visualization offers extensive site-wide configuration options, enabling users with administrative privileges to manage various settings crucial for organizational workflows. You can enable the AI visual, select the AI engine, and specify additional settings.

About this task

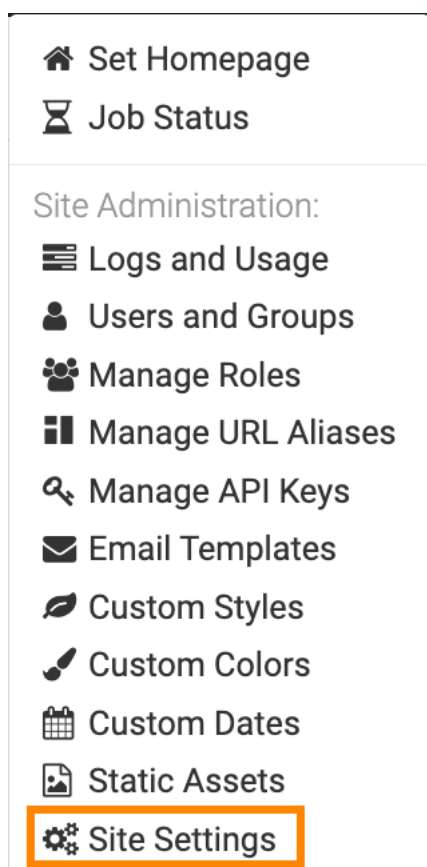
The AI Settings option is included in the Site Settings menu, which is only available to users with administrative privileges.

Procedure

1. Click



on the main navigation bar to open the Administration menu and select Site Settings.



The Site Settings page opens on the Data menu.

2. Open the AI Settings menu from the left navigation and choose from the available options.

General

In this AI Settings section, you can manage your general AI configurations.

Procedure

- Enabling AI features

Before enabling AI features in Cloudera Data Visualization, review the legal terms and conditions for using the AI visual, which are available in the Info tooltip.

When you enable AI features for the first time, a modal window prompts you to accept these terms and conditions. The system records the date and username of the person who accepts the terms. To ensure compliance, users are required to confirm acceptance of the terms each time they enable the AI features. This is important because the user enabling the feature may differ from the original user who enabled the feature earlier.

Selecting Enable AI features makes the AI visual and AI summary (Tech Preview) options available so that you can enable them individually as needed.



Important: If the AI visual feature is not enabled, you cannot to view AI visuals on dashboards created by other users.

- Redacting AI visual logs

You can also enable the redaction of AI visual logs. When this option is enabled, audit logs will omit any information transmitted by the AI visual to maintain privacy and compliance.

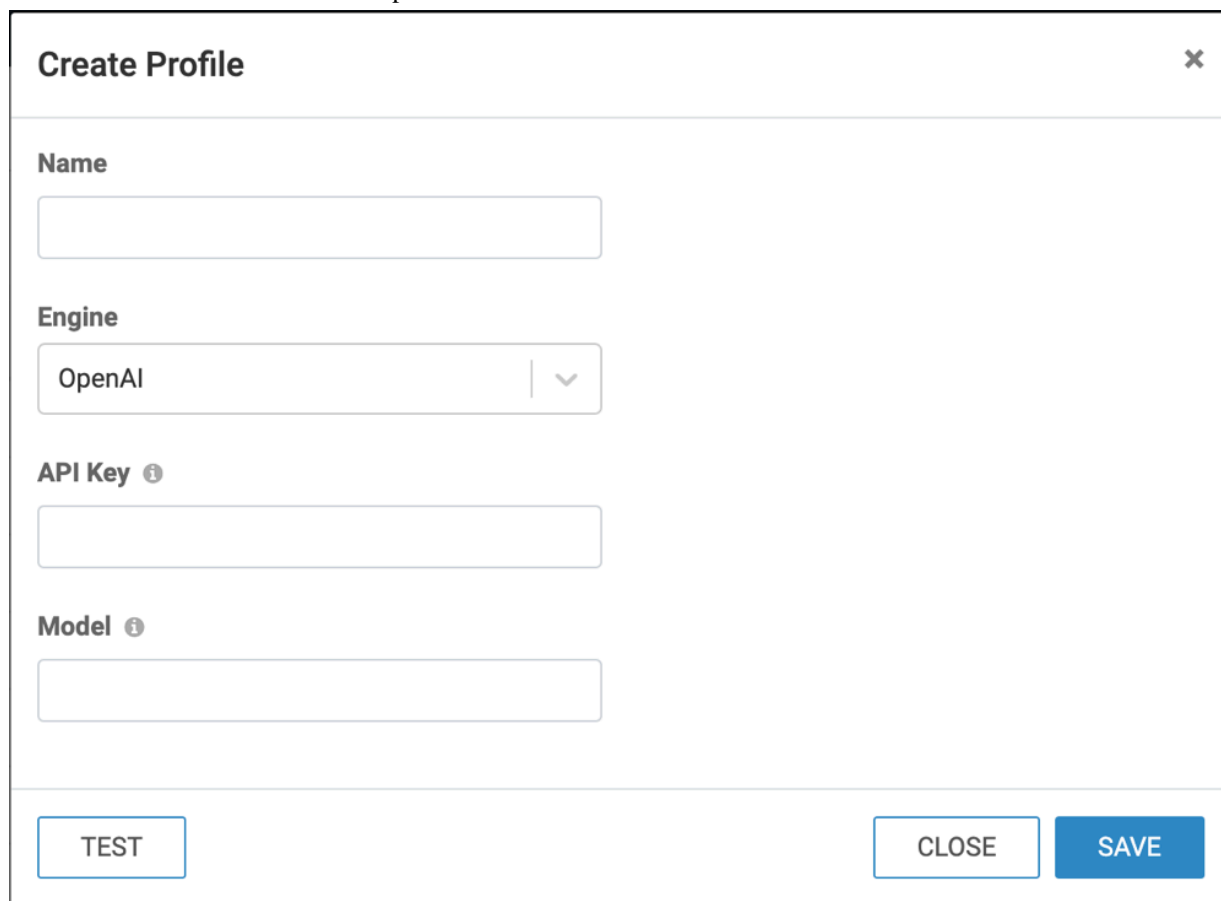
Embeddings

In this AI Settings section, you can manage your embedding profiles. You can create new profiles, view the list of existing ones, and perform actions such as cloning, editing, or deleting existing profiles, and setting a new default profile.

Creating a new embeddings profile

1. Click CREATE PROFILE.

The Create Profile modal window opens.

A modal window titled "Create Profile" with a close button (X) in the top right corner. The form contains four fields: "Name" (a text input), "Engine" (a dropdown menu with "OpenAI" selected), "API Key" (a text input with an information icon), and "Model" (a text input with an information icon). At the bottom, there are three buttons: "TEST", "CLOSE", and "SAVE".

Create Profile ×

Name

Engine

OpenAI ▼

API Key ⓘ

Model ⓘ

TEST **CLOSE** **SAVE**

2. Provide a name for the profile.
3. Select the AI engine you want to use for the embeddings.

You have the following options available:

- Cloudera AI Hosted MiniLM
- Cloudera AI Inference
- OpenAI
- OpenAI Azure
- Amazon Bedrock
- Other

4. Specify the settings for the selected AI engine.

For Cloudera AI Hosted MiniLM

- **Access Key:** Required to access the external third-party AI service provider
- **Authorization API Key:** Required to access the external third-party AI service provider
- **Service URL:** URL for the embedding service used by the AI engine
- **Service input parameter name:** Name for the embedding service input
- **Service response parameter name:** Name for the embedding service response parameter

For Cloudera AI Inference

- **Authentication mode:** Required to access the external third-party AI service provider

The available options for authentication are:

- JWT

Select this option to authenticate using JSON Web Token (JWT). Authentication is automatically handled with the JWT token and no further configuration is required.



Note: This authentication option is available only in Cloudera AI environments. JWT authentication can be used only when the Cloudera AI Inference model and Cloudera Data Visualization are in the same environment.

- API Key

Select this option to authenticate using an API Key. You must provide a valid API key to access the external service.

- **Service URL:** URL for the embedding service used by the AI engine
- **Model:** Used for the embeddings



Note: If the embedding model requires the input_type parameter, add the -query suffix to the model name. For more information, see the [NVIDIA documentation](#).

For OpenAI

- **API Key:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Model:** Used for the embeddings

For OpenAI Azure

- **API Key:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Service URL:** URL for the embedding service used by the AI engine

For Amazon Bedrock

- **AWS Credentials:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Model:** The embedding model for processing queries and generating vector representations:
 - amazon.titan-embed-text-v1 (default)
 - amazon.titan-embed-text-v2:0
 - Custom – Allows specifying a different model.

For Other

- **API Key:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.

- **Service URL:** URL for the embedding service used by the AI engine
- **AI engine settings:** Use this textbox to provide your custom request and response transformer functions in valid Python.

5. [Optional] Click TEST to validate the model using the specified settings.

6. Click SAVE.




Important:

After creating or modifying profiles, save the Site Settings page to apply your changes.

Cloning an existing embeddings profile

Alternatively, you can clone an existing embeddings profile to create a new profile instance.



1. Click  to open the Create Profile modal window. All details are pre-filled from the original profile, except for the Name field.
2. Enter a new name for the profile.
3. Click SAVE.



Important:

After creating or modifying profiles, save the Site Settings page to apply your changes.

Managing embeddings profiles

- **Setting a default profile:** The current default profile that will be used for new AI visuals is marked with the Default label. To change the default, hover over a non-default profile and click the Set as default option.
- **Deleting a profile:**
 1. Click  on the profile row.
 2. Click YES to confirm the deletion.
- **Editing a profile:**
 1. Click  on the profile row to open the Edit Profile modal window.
 2. Make the necessary changes to the profile.
 3. [Optional] Click TEST to validate the model using the new settings.
 4. Click SAVE.



Important:

After creating or modifying profiles, save the Site Settings page to apply your changes.

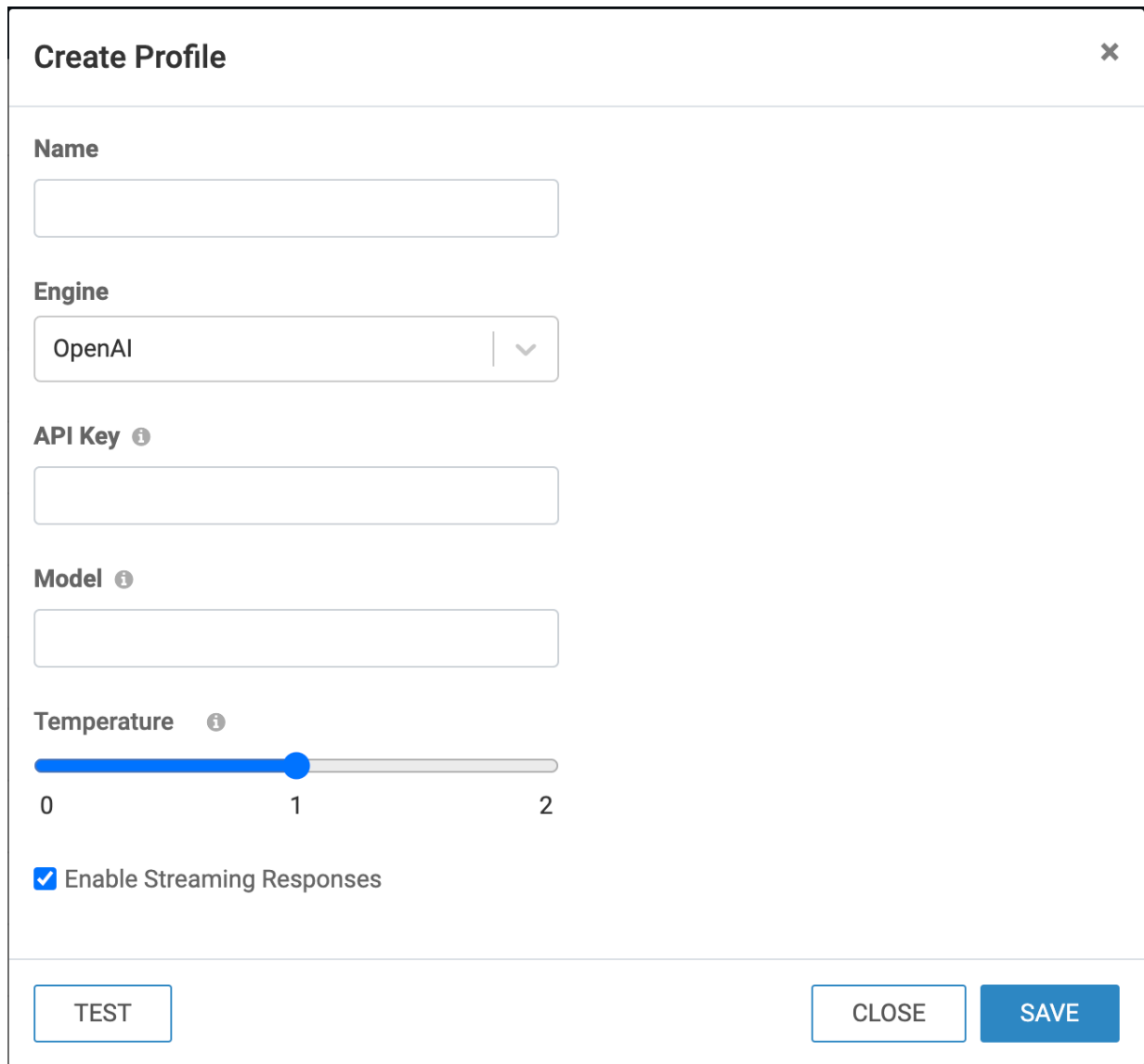
Completion

In this AI Settings section, you can manage completion profiles. You can create new profiles, view the list of existing ones, and perform actions such as copying, editing, deleting existing profiles, or setting a new default profile.

Creating a new completion profile

1. Click CREATE PROFILE.

The Create Profile modal window opens.

The image shows a 'Create Profile' modal window. It has a title bar with 'Create Profile' and a close button (X). The form contains several fields: 'Name' (text input), 'Engine' (dropdown menu with 'OpenAI' selected), 'API Key' (text input with an info icon), 'Model' (text input with an info icon), 'Temperature' (slider from 0 to 2 with an info icon, currently set at 1), and a checkbox for 'Enable Streaming Responses' which is checked. At the bottom, there are three buttons: 'TEST', 'CLOSE', and 'SAVE'.

2. Provide a name for the profile.
3. Select the AI engine you want to use for the completion.

You have the following options available:


- Cloudera AI Hosted Lama
- Cloudera AI Inference
- OpenAI
- OpenAI Azure
- Amazon Bedrock
- Other

4. Specify the settings for the selected AI engine.

For Cloudera AI Hosted Llama

- **Access Key:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Authorization API Key:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Service URL:** URL for the completion service used by the AI engine
- **Service input parameter name:** Name for the completion service input
- **Service response parameter name:** Name for the completion service response parameter
- **Extra arguments:** Any additional arguments for the completion query

For Cloudera AI Inference

- **Authentication mode:** Required to access the external third-party AI service provider
The available options for authentication are:
 - **JWT**
Select this option to authenticate using JSON Web Token (JWT). Authentication is automatically handled with the JWT token and no further configuration is required.
 **Note:** This authentication option is available only in Cloudera AI environments. JWT authentication can be used only when the Cloudera AI Inference model and Cloudera Data Visualization are in the same environment.
 - **API Key**
Select this option to authenticate using an API Key. You must provide a valid API key to access the external service.
- **Service URL:** URL for the completion service used by the AI engine
- **Model:** Used for the completion
- **Temperature:** Controls the randomness of the output on a scale from 0 to 2. Lower values produce more focused and deterministic responses, while higher values introduce greater randomness and creativity. The default setting is 1.
- **Enable Streaming Responses:** Enabling streaming responses allows you to start receiving query results immediately while the system continues processing data and refining additional details.

For OpenAI

- **API Key:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Model:** Used for the completion
- **Temperature:** Controls the randomness of the output on a scale from 0 to 2. Lower values produce more focused and deterministic responses, while higher values introduce greater randomness and creativity. The default setting is 1.
- **Enable Streaming Responses:** Enabling streaming responses allows you to start receiving query results immediately while the system continues processing data and refining additional details.

For OpenAI Azure

- **API Key:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Service URL:** URL for the completion service used by the AI engine
- **Enable Streaming Responses:** Enabling streaming responses allows you to start receiving query results immediately while the system continues processing data and refining additional details.

For Amazon Bedrock

- **AWS Credentials:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Model:** The completion model for generating AI-driven responses:
 - amazon.titan-text-lite-v1 (default)
 - amazon.titan-text-express-v1
 - us.anthropic.claude-3-7-sonnet-20250219-v1:0
 - anthropic.claude-3-5-sonnet-20241022-v2:0
 - anthropic.claude-3-5-haiku-20241022-v1:0
 - anthropic.claude-3-opus-20240229-v1:0
 - Custom – Allows specifying a different model.
- **Enable Streaming Responses:** Enabling streaming responses allows you to start receiving query results immediately while the system continues processing data and refining additional details.

For Other

- **API Key:** Required to access the external third-party AI service provider
Ensure you review the legal terms and conditions provided in the Info tooltip before proceeding.
- **Service URL:** URL for the completion service used by the AI engine
- **AI engine settings:** Use this textbox to provide your custom request and response transformer functions in valid Python.

5. [Optional] Click TEST to validate the model using the specified settings.


6. Click SAVE.

**Important:**

After creating or modifying profiles, save the Site Settings page to apply your changes.

Cloning an existing completion profile


Alternatively, you can clone an existing completion profile to create a new profile instance.


1. Click  to open the Create Profile modal window. All details are pre-filled from the original profile, except for the Name field.
2. Enter a new name for the profile.
3. Click SAVE.

**Important:**

After creating or modifying profiles, save the Site Settings page to apply your changes.

Managing completion profiles

- **Setting a default profile:** The current default profile that will be used for new AI visuals is marked with the Default label. To change the default, hover over a non-default profile and click the Set as default option.
- **Deleting a profile:**
 1. Click  on the profile row.
 2. Click YES to confirm the deletion.

- Editing a profile:
 1. Click  on the profile row to open the Edit Profile modal window.
 2. Make the necessary changes to the profile.
 3. [Optional] Click TEST to validate the model using the new settings.
 4. Click SAVE.

**Important:**

After creating or modifying profiles, save the Site Settings page to apply your changes.

Managing security and authentication site settings

Cloudera Data Visualization allows you to adjust the security and authentication settings. Security configuration is only available to users with administrative privileges.

About this task

Remember: Save your changes for the updated security site settings to take effect, but there is no need to restart the Cloudera Data Visualization application.

Enable local user creation

You can enable the option to create local users in a Cloudera Data Visualization instance.

To enable the feature, check the Enable Local User Creation option under Security and Authentication.

Set SSO for authentication

Check Permit authentication via the REMOTE_USER http header to enable user authentication with the login credentials and log users in automatically.

- In CML, this SSO option is enabled by default.

Set password requirements

For password control, you can specify the following requirements:

- **Minimum password length**

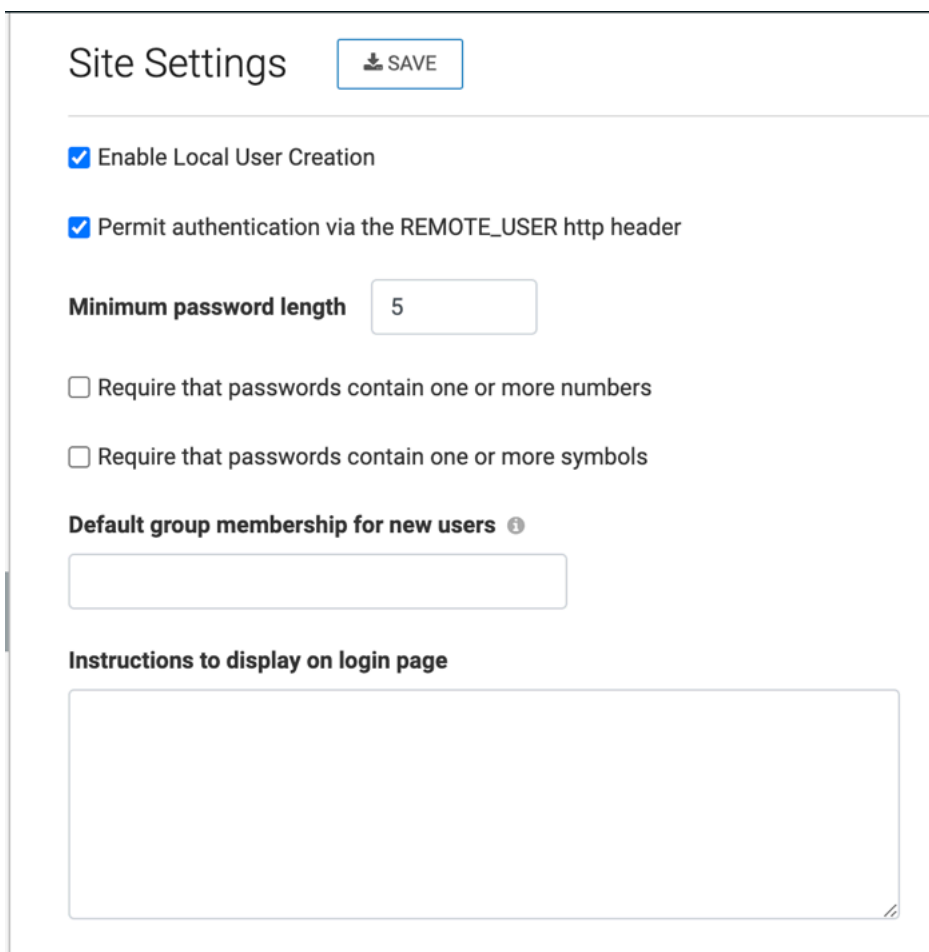
Specify the minimum number of characters for a password. The default value is 5.
- **Require that password contains one or more numbers**

Select this option to enforce the rule that the password must contain a numerical value between 0 and 9.
- **Require that password contains one or more symbols**

Select this option to enforce the rule that the password must contain a symbol. Symbols include all characters on the keyboard other than letters or numbers.

Set default group for new users

To define the default group membership for new users, enter the group name in the Default group membership for new users text box under Security and Authentication.



Site Settings SAVE

☒ Enable Local User Creation

☒ Permit authentication via the REMOTE_USER http header

Minimum password length

☐ Require that passwords contain one or more numbers

☐ Require that passwords contain one or more symbols

Default group membership for new users ⓘ

Instructions to display on login page

Set instructions for login page

To set what instructions are displayed on the Cloudera Data Visualization login page, enter the information in the Instructions to display on login page text box under Security and Authentication.

Managing debugging and logs site settings

In Cloudera Data Visualization, you configure job log retention on the system and enable various debugging options. This configuration is only available to users with administrative privileges.

You can set the following options:

Server Settings tab

To enable server settings, check the Enable the "Server Settings" tab within the "Activity Log" screen option.

Verbose Error Reporting

Check the Verbose Error Reporting. Display Javascript page errors on screen in app view/edit pages option.

Show Usage Info

Check the Enable the "Show Usage Info" and Ctrl-Shift-G shortcut to view page profiles within all pages option.

Page profiles views within dashboard/app view pages

Check the Additionally enable the Ctrl-Shift-G shortcut to view page profiles within dashboard/app view pages option.

Number of log entries, their retention days, and time interval for log deletion check

Max Entries

Maximum number of job log entries kept after bulk process

Check Interval

Time interval in days for log deletion checks



Note:

No restart required, but the new value only takes effect after the previous interval has elapsed. A restart is required if you need the changes to take effect immediately.

Max Retention Days

Maximum retention time in days for keeping old job logs

Remember: Save your changes for the updated site settings to take effect, but you do not need to restart the Cloudera Data Visualization application.

Managing version control site settings

Cloudera Data Visualization offers extensive site-wide configuration options, allowing users with administrative privileges to manage various settings crucial for organizational workflows.

About this task

The Site Settings menu is only available to users with admin user permissions or site setting system privilege.



Note: Dataset versioning is currently available as a technical preview in Cloudera Data Visualization.

You can set the following options:

Enable Version Control (Tech Preview)

By using this option, you can activate application-wide version control within Cloudera Data Visualization.



Note: This setting is required before enabling dataset-specific version control.

Enable Dataset Version Control (Tech Preview)

Once general version control is enabled, you can enable version control specifically for datasets. This allows you to:

- Track changes and revisions across dataset versions.
- Enable features like rollback to previous dataset versions.

Unnamed Dataset Version Deletion Interval

This setting defines how frequently an automatic cleanup script runs to delete old, unnamed dataset versions. You can set the number of days between checks for deletion of unnamed versions. The minimum interval is 1 day and the default setting is 7 days.

Unnamed Dataset Version Maximum Retention Days

This setting defines the maximum lifespan for unnamed dataset versions before they are automatically deleted. You can set the retention period, which is the maximum number of days a

dataset version can exist without a name. The minimum retention period is 1 day, and the default setting is 30 days.

For more information about unnamed dataset versions, see *Tracking dataset versions*.

Related Information

[Tracking dataset versions](#)

Managing help and support site settings

As an administrator, you can customize the default settings of the Help menu in Cloudera Data Visualization. You can edit or change the link for Documentation and Support directly on the UI, or in the `settings.py` file.

Customizing Help on the UI

You can change the default settings of the Help menu in Cloudera Data Visualization. You can customize the links for Documentation and Support on the Site Settings interface.

About this task

In Site Settings Help and Support , you can change the following:

Site Settings

SAVE

Text to display for documentation link

Documentation

URL for documentation link

<https://docs.cloudera.com/data-visualizator>

Show Support

☒ web page link ☐ email address

Text to display for Support web page link

Cloudera Support Hub

URL for Support web page link

<https://my.cloudera.com/support.html>

Email address for Support

support@cloudera.com

Procedure

- You can change the Text to display for documentation link from the default Documentation to any other title, for example as Customer Documentation.
- You can change the URL for documentation link from the default <https://docs.cloudera.com/data-visualization/8/index.html> to a different URL, such as <http://books.mycompany.com>.
- You can set whether you want to show a webpage link or an email address for Support contact information.
 - You can change the Text to display for Support web page link option from the default Cloudera Support Hub and the URL for Support web page link from the default <https://my.cloudera.com/support.html>.
 - You can change the Email address for Support from the default support@cloudera.com to another email, such as support@mycompany.com.

Remember:

Save your changes for the updated site settings to take effect, but there is no need to restart the Cloudera Data Visualization application.

Customizing Help through configuration file

You can customize the Help menu on the main navigation bar by deleting default links provided by Cloudera Data Visualization, or by adding new links.

About this task

To customize the Help menu, modify the local configuration file, such as `settings.py`, and restart the server.

Components of the Help Menu

By default, the Help menu contains links to What's New in the current release, Documentation, Knowledge Base, YouTube Channel, Support Email, licensing status, and the current version of Cloudera Data Visualization.

To modify this menu, you must change the corresponding settings from `TRUE` to `FALSE`.

HELP_SHOW_WHATSNEW

Set to `TRUE` to show the release number of the running instance of Cloudera Data Visualization.

```
HELP_SHOW_WHATSNEW = True
```

This is `TRUE` by default. To remove the "What's new" link, set the parameter to `FALSE`:

```
HELP_SHOW_WHATSNEW = False
```

HELP_SHOW_DOCUMENTATION

Set to `TRUE` to show the link to our documentation at documentation.arcadiadata.com/release_number/.

```
HELP_SHOW_DOCUMENTATION = True
```

This is `TRUE` by default. To remove the "Documentation" link, set the parameter to `FALSE`:

```
HELP_SHOW_DOCUMENTATION = False
```

HELP_SHOW_SUPPORT_EMAIL

Set to `TRUE` to show a link to contact our support team at support@arcadiadata.com.

```
HELP_SHOW_SUPPORT_EMAIL = True
```

This is `TRUE` by default. To remove the "Support" link, set the parameter to `FALSE`:

```
HELP_SHOW_SUPPORT_EMAIL = False
```

HELP_SHOW_VERSION

Set to `TRUE` to show the release number of the running instance of Cloudera Data Visualization.

```
HELP_SHOW_VERSION = True
```

This is `TRUE` by default. To remove the version, set the parameter to `FALSE`:

```
HELP_SHOW_VERSION = False
```

HELP_SHOW_LICENSE

Set to TRUE to show if your license is valid.

```
HELP_SHOW_LICENSE = True
```

This is TRUE by default. To remove the license information, set the parameter to FALSE:

```
HELP_SHOW_LICENSE = False
```

HELP_MENU_LINKS

To add custom links that supplement the default Cloudera Data Visualization help links, use the `HELP_MENU_LINKS` parameter and a list of links in the form of `type:link`, `link:url_address`, and `label:link_label`.

You can also insert a divider between these custom links, in the form: `type:divider`,

```
HELP_MENU_LINKS = [
  {
    "type": "link",
    "link": "url_address_1",
    "label": "link_label_1",
  }
  {
    "type": "link",
    "link": "url_address_2",
    "label": "link_label_2",
  }
  ...
  {
    "type": "divider",
  }
  {
    "type": "link",
    "link": "url_address_n",
    "label": "link_label_n",
  }
]
```

Sample Help Menu Configuration

Here is a sample of configuration settings for the Help menu:

```
# To display the default Data Visualization help links in the Help menu, set
  the flag to "True"
HELP_SHOW_WHATSNEW = True
HELP_SHOW_DOCUMENTATION = True
HELP_SHOW_SUPPORT_EMAIL = True
HELP_SHOW_VERSION = True

# To remove an Arcadia link from the Help menu, set the flag to "False"
HELP_SHOW_LICENSE = False
# To add new links in the Help menu, enter the following code:
#In this example, we are adding links to Knowledge Base and YouTube Channel.
HELP_MENU_LINKS = [
  {
    "type": "link",
    "link": "https://www.arcadiadata.com/resources/knowledge-base/",
    "label": "Knowledge Base",
  },
  # You can also specify a divider between the two rows as follows:
  # {
  #   "type": "divider",
```

```
# },
{
  "type": "link",
  "link": "https://www.youtube.com/channel/UCmubDZSISQMKg1Q0HXo03HQ",
  "label": "YouTube Channel",
},
]
```

Managing advanced settings

Cloudera Data Visualization allows users with administration privileges to configure several advanced settings.

Webhook

You can use webhooks to pass parameters to any API endpoint that you might want to update with a dashboard's parameters.

To interact with webhooks, check the Allow users to interact with webhooks option and enter the URLs in the URLs that webhook actions are permitted to interact with text box. If you add multiple values, separate them by a new line.

Remote data

To provide URLs for remote data, enter the URLs in the URLs that remote data columns can be fetched from text box. If you add multiple values, separate them by a new line.

Remember:

Save your changes for the updated site settings to take effect, but there is no need to restart the Cloudera Data Visualization application.

Related Information

[Securing Applications](#)

Advanced site settings

You can configure various advanced settings in Cloudera Data Visualization by adding them to the Advanced Site Settings text box.

Autologin

Users with administrative privileges can enable unauthenticated access through automatic login:

In Cloudera Machine Learning and Cloudera Data Science Warehouse, authentication for applications is enforced on all ports by default. If needed, an Admin user can allow users to create public applications accessible by unauthenticated users. This is needed if you do not want users to log into Cloudera Machine Learning or Cloudera Data Science Warehouse. For information on how to enable unauthenticated access in Cloudera Machine Learning/ Cloudera Data Science Warehouse, see *Public Applications* in *Securing Applications*.

To configure autologin for a user in Cloudera Data Visualization, add the following settings in the Advanced Site Settings text box in key = value format:

```
AUTOLOGIN_ENABLED = True
AUTOLOGIN_USERNAME = "username"
AUTOLOGIN_PASSWORD = "password"
```



Important: Make sure that the username and password you provide in the advanced settings match the login credentials of the user designated for automatic login. Since anyone accessing the link will have the same permissions as that user, carefully choose the user and role for configuring unauthenticated access.

Remember:

Save your changes and restart the Cloudera Data Visualization application for the changed advanced settings to take effect.

Concurrency

To configure concurrency, add the desired settings in the Advanced Site Settings text box in key = value. The following options are available:

DATACONNECTION_CONCURRENCY_DEFAULT	Default number of concurrent requests per data connections
DATACONNECTION_CONCURRENCY_MAX	Maximum number of concurrent requests per data connections
DATACONNECTION_CONCURRENCY_USER_DEFAULT	Default number of concurrent requests per user
DATACONNECTION_CONCURRENCY_USER_MAX	Default number of maximum concurrent requests per user

These settings control the number of concurrent requests per data connection and per user.

Remember:

Save your changes and restart the Cloudera Data Visualization application for the changed advanced settings to take effect.

Data extracts

To configure data extracts, add the desired settings in the Advanced Site Settings text box in key = value format. The following options are available:

Prefix for target table names

You can define a prefix for table names. The default value is *CDV_*.



Note: If the value is set to an empty string, no prefix is applied.

```
DATA_EXTRACTS_TARGET_TABLENAME_PREFIX = "cdv_"
```

Maximum number of rows that can be inserted into a data connection by CDV using data extracts or CSV upload

You can set a system wide maximum value for the maximum number of rows for upload/import all connections.

```
UPLOAD_MAXROWS_MAX = 1000000000
```

You can set the default value for the maximum number of rows for upload/import for all connections. You can change the default on each connection in the Edit connection modal. Its value can be only between 0 and `UPLOAD_MAXROWS_MAX`.



Note: This limit does not apply when the data extract source is on the same connection as data extract target.

```
UPLOAD_MAXROWS_DEFAULT = 1000000
```



Note: This limit does not apply when the data extract source is on the same connection as the data extract target.

Number of rows inserted at a time through data import and data extract inserts

```
IMPORT_BATCH_INSERT = 1000
```

Remember:

Save your changes and restart the Cloudera Data Visualization application for the changed advanced settings to take effect.

Notifications

To configure how long read notifications are kept in the Notifications Center, add the BULK_REMOVE_READ_NOTIFICATION_INTERVAL flag in the Advanced Site Settings text box.

Remember:

Save your changes and restart the Cloudera Data Visualization application for the changed advanced settings to take effect.

Size limit for static asset upload

To configure the size limit for uploading static assets, add the DATA_UPLOAD_MAX_MEMORY_SIZE flag in the Advanced Site Settings text box.

Remember:

Save your changes and restart the Cloudera Data Visualization for the changed advanced settings to take effect.

Filter association configuration

To enable Filter Association (FA) based on Manage dataset permission, add the MANAGE_DS_FA = True flag in the Advanced Site Settings text box.



Note: If you gain the Manage filter associations permission by adding the MANAGE_DS_FA flag, ensure you also have View roles and users permission to be able to work with filter associations.