

Third-Party Connectors

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Overview

Yellowfin has an open connector framework for connecting third-party web applications. Visit the [Yellowfin Marketplace](#) to find preset connectors ready to install, or develop your own.

Connector file types

Connector file types include `.jar` and `.yfp` archives. Connectors can be packaged on their own, or with pre-built sample content. Content could include views, reports, and dashboards, depending on the connector's purpose.

Connector location

Connectors are stored with other plugins. You can see a list of any connectors already added to your Yellowfin instance on the [Plugin Management](#) admin page within Yellowfin. From this page, you can upload new connectors, see the files associated with connectors, and delete connectors that are no longer needed.

Using data with a connector


A connector is already configured to do what it's intended to do. You simply create a new data source within Yellowfin and configure it to use the connector. The connector itself needs no configuration.

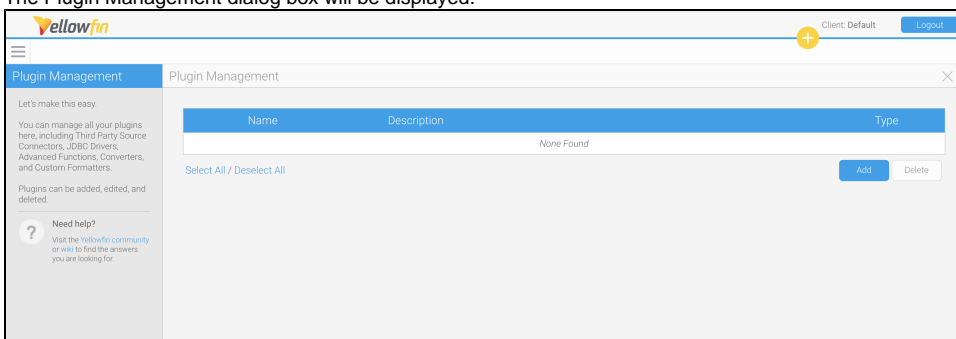
Adding a connector

Start by downloading a connector from the [Yellowfin Marketplace](#) or elsewhere, then follow the steps below to get started.

Some connectors require a number of security steps to ensure data exchange remains secure. In these special cases, the Yellowfin Marketplace will include an additional link to download a printable PDF with detailed instructions to ensure you have as much information as possible.

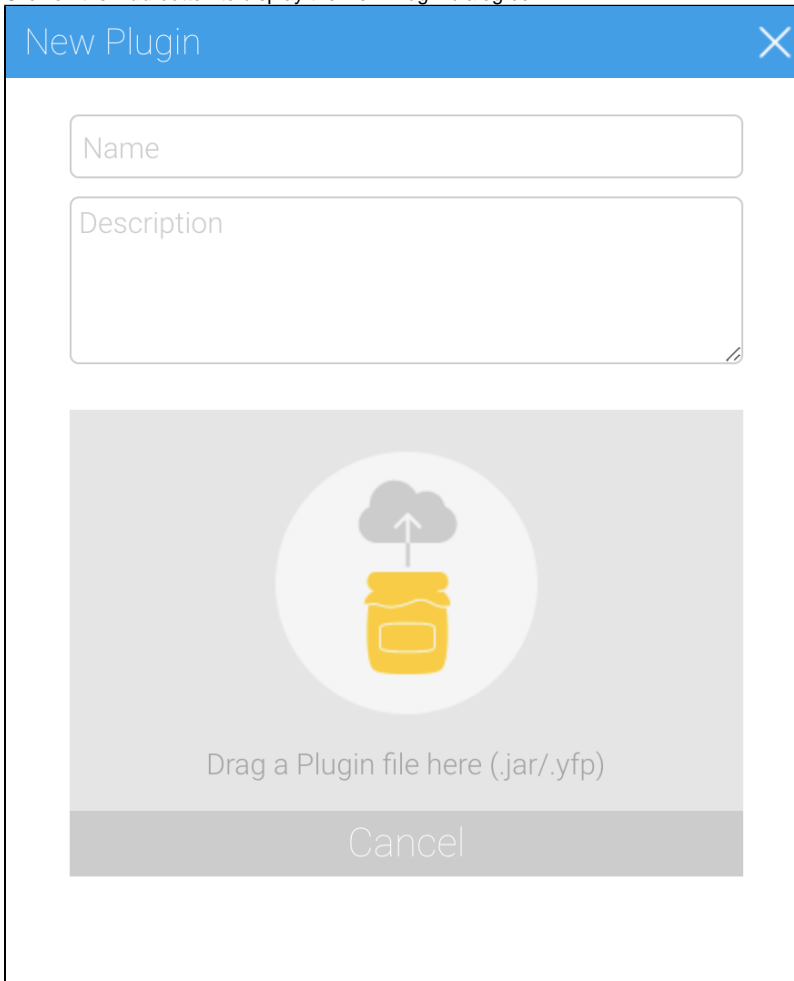
General steps

1. From the Yellowfin burger  menu in the top left corner, click on **Administration**, then **Plugin Management**. The Plugin Management dialog box will be displayed:



If you have already installed any other plugins or connectors, they will be listed here.

2. Click on the **Add** button to display the New Plugin dialog box

The image shows a 'New Plugin' dialog box with a blue header bar containing a close button (X). Below the header, there are two input fields: 'Name' and 'Description'. The 'Description' field is a larger text area. Below these fields is a large gray area with a circular icon containing a yellow jar with an upward arrow and a cloud. Below the icon, the text 'Drag a Plugin file here (.jar/.yfp)' is displayed. At the bottom of the dialog is a 'Cancel' button.

3. Supply a name and a description, which will be used to list the connector on the Plugin Management page, then upload the connector.
4. Click on the **Submit** button to add the connector to your Yellowfin instance.

Creating a data source

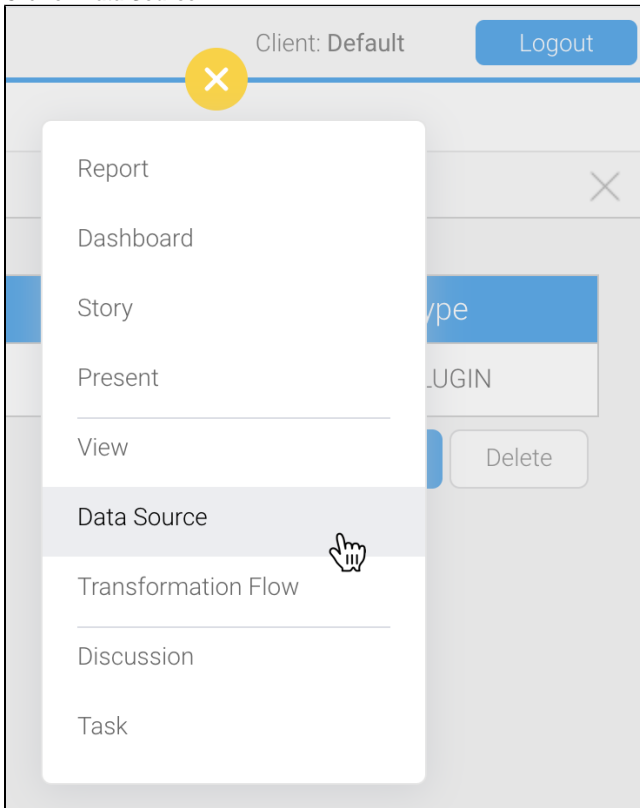
After adding a connector, you're ready to configure your data source.

Note that each connector has its own requirements for connecting to a source, so no two dialog boxes look the same. In the example below, we've used the simple Reporting Services connector for our data source.

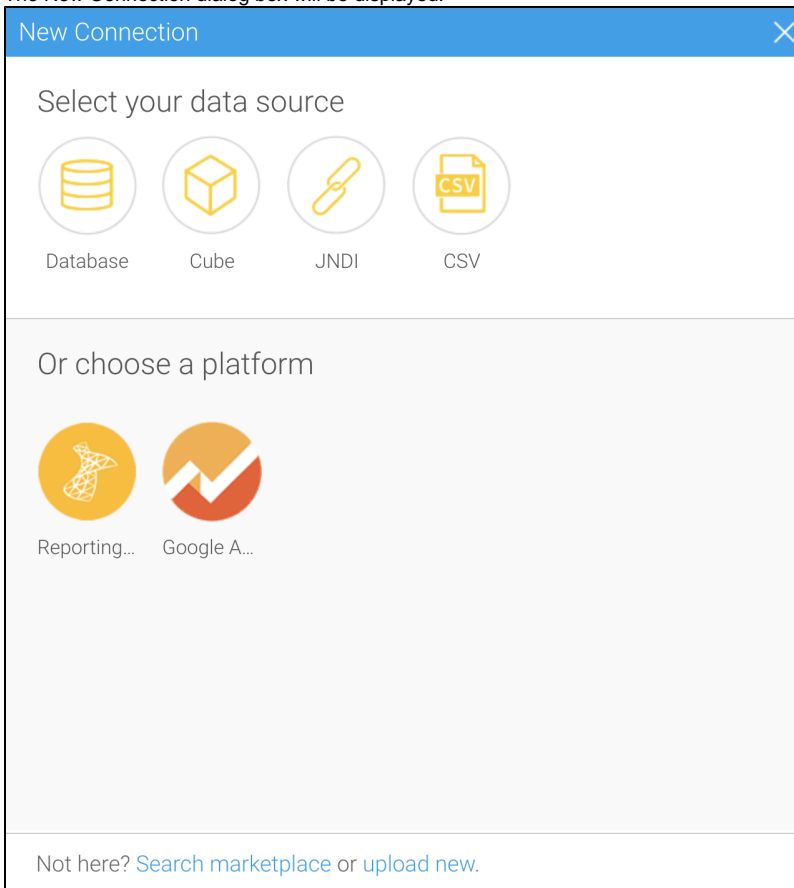
Also note that the Yellowfin UI provides a variety of ways to add a new data source (see [Creating a Basic Data Source Connection](#) for details). They all perform the same function. We've used our favorite method below.

1. In Yellowfin, click on the **Create**  button in the top right corner to display a menu

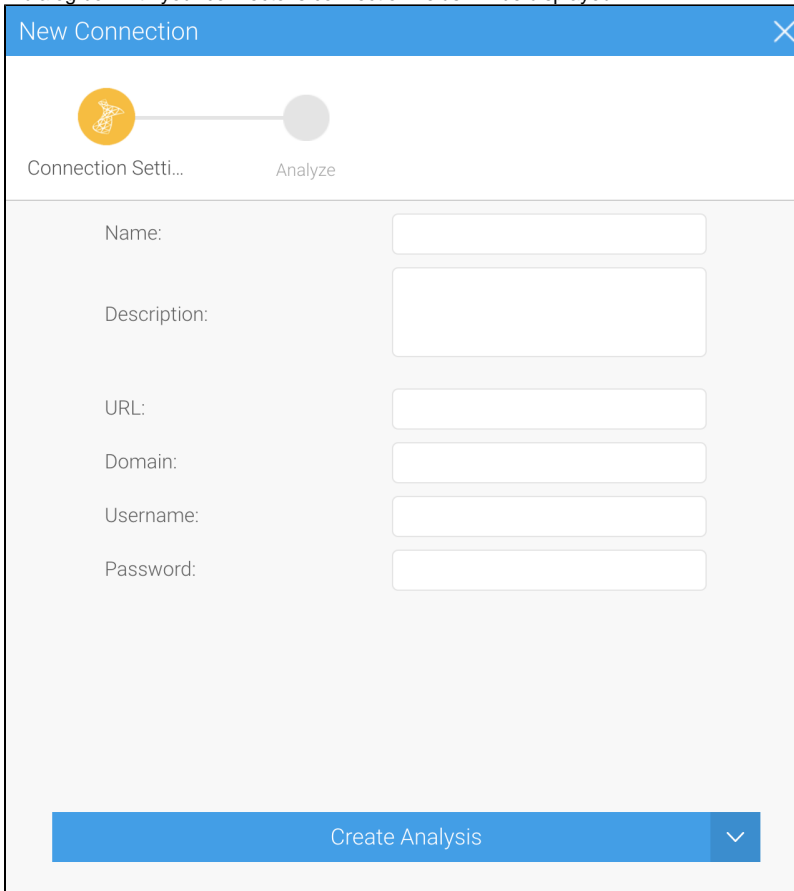
2. Click on **Data Source**



The New Connection dialog box will be displayed:



3. Click on a connector listed in the 'Or choose a platform' section (we've chosen Report Services)
A dialog box with your connector's connection fields will be displayed:



The screenshot shows a 'New Connection' dialog box with a blue header and a close button (X). Below the header is a progress bar with two steps: 'Connection Setti...' (active, highlighted in orange) and 'Analyze' (inactive, grey). The main area contains several input fields: 'Name:', 'Description:', 'URL:', 'Domain:', 'Username:', and 'Password:'. At the bottom is a blue button labeled 'Create Analysis' with a dropdown arrow on its right side.

4. Fill in the credentials required
5. Click on the arrow to the right of the blue button to see what options are available (described below), then select the most appropriate action from the list.

New data source actions

The table below describes the different options available while you're working with a new data source.

Action	Description
Advanced Connection Editor	Selecting this option takes you to the Advanced Connection Editor , which displays all the options available for your connector. Here, you can to further tweak and check your connections, including usage parameters, the connection pool and more.
Test Connection	Selecting this option sends a request to Yellowfin to test the connection parameters. A confirmation message will be displayed if successful, or an error message if there is a problem.
Create View	Selecting this option creates a new Yellowfin view based on the data connection.
Launch Pre-Build Content	Selecting this option will trigger the installation of any pre-built content that may ship with the connector. This may save you time in creating views, reports, dashboards, tabbed dashboards or any other content.
Save & Close	Selecting this option lets you save what you've configured and complete the setup any time later on.
Cancel	Selecting this option closes the current connector configuration without saving any of your changes.



The steps above may differ for individual connectors. Check the list below for customized instructions for some connectors to help you get started quickly.

Detailed instructions for popular connectors

- [Google Analytics Connector](#)

- [Google Sheets Connector](#)
- [Salesforce Connector](#)
- [SAML Bridge Connection](#)
- [Twitter Connector](#)

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