

Generic JDBC Data Source

Yellowfin allows you to connect to a number of different data sources, however there is also an option to connect to a generic JDBC data source. This expands your data source connection options, as you can use this generic option to connect to a data source that is not certified by Yellowfin. Before doing so, ensure that you:

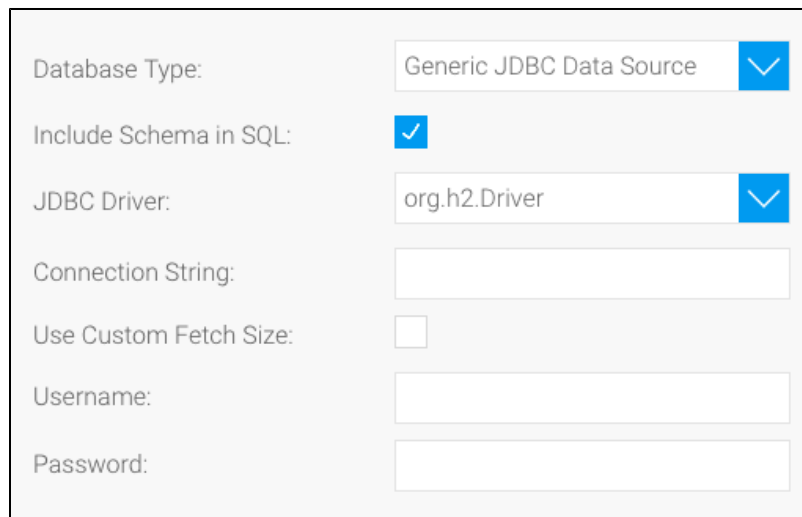
- Import the driver through Yellowfin's Plugin manager. Click [here](#) to learn how to do this.
- If the above still does not work, then you must manually add the .jar file to the WEB-INF/lib folder. (<Yellowfin_deployment_folder>/appserver/ROOT/WEB-INF/lib)
- Also add the driver to the list of JDBC drivers in the web.xml file. (<Yellowfin_deployment_folder>/appserver/webapps/ROOT/WEB-INF/web.xml)

Continue with the rest of the instructions below to connect to the data source.

1. Click on the Create button and choose the data source option.

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2. Select the database option.
3. When the New Connection popup appears, provide a name and description for your database.
4. Choose **Generic JDBC Data Source** from the list of available database options. New configuration fields will appear on doing so.



The screenshot shows a 'New Connection' dialog box with the following fields and options:

- Database Type:** A dropdown menu set to 'Generic JDBC Data Source' with a blue checkmark icon.
- Include Schema in SQL:** A checkbox that is checked, indicated by a blue checkmark icon.
- JDBC Driver:** A dropdown menu set to 'org.h2.Driver' with a blue checkmark icon.
- Connection String:** An empty text input field.
- Use Custom Fetch Size:** An unchecked checkbox.
- Username:** An empty text input field.
- Password:** An empty text input field.

5. Select the **Include Schema in SQL** checkbox to include the schema name when addressing database tables in SQL queries.

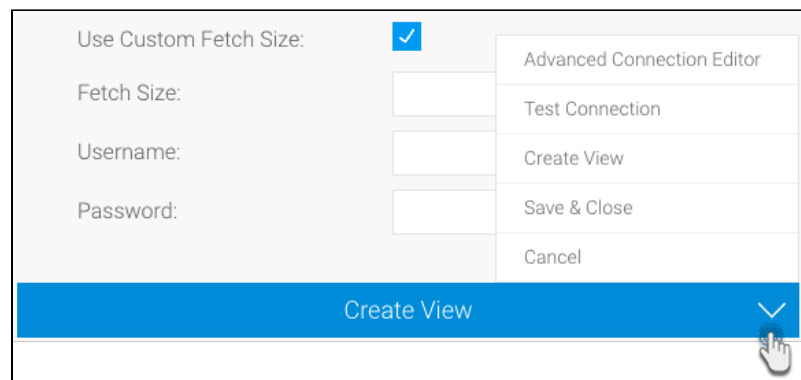
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6. Choose a driver from the dropdown list to talk to your data source.
7. Enter the connection string containing information about your data source.
8. Select the **Use Custom Fetch Size** checkbox if you want a select number of data rows to be retrieved from the database after a query is executed. Specify the number of rows.

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9. Enter the username and password of your database account.

10. Once you have completed your connection information, you will have several options:



- a. [Advanced Connection Editor](#): This will take you to the Data Source page in the Admin Console and allow you to edit all the advanced options available for your database.
 - b. [Test Connection](#): This will test the connection parameters you provided to ensure it can connect to your database. If the connection was successful, a message will appear.
 - c. [Create View](#): This will save your connection and get you started on creating a view based on it.
 - d. [Save & Close](#): This will allow you to save your connection and close the New Connection popup, returning you to the page you were on previously.
 - e. [Cancel](#): This closes the New Connection popup without saving your connection, returning you to the page you were on previously.
11. We recommend validating your connection by using the [Test Connection](#) option and once the connection is successful, click on the [Save & Close](#) button to save it.