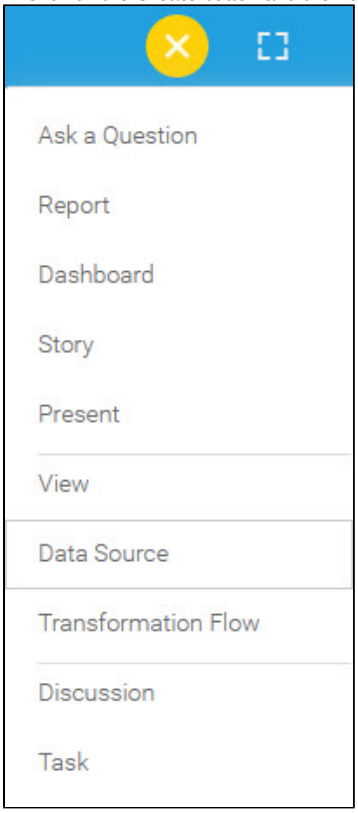
Google Cloud SQL

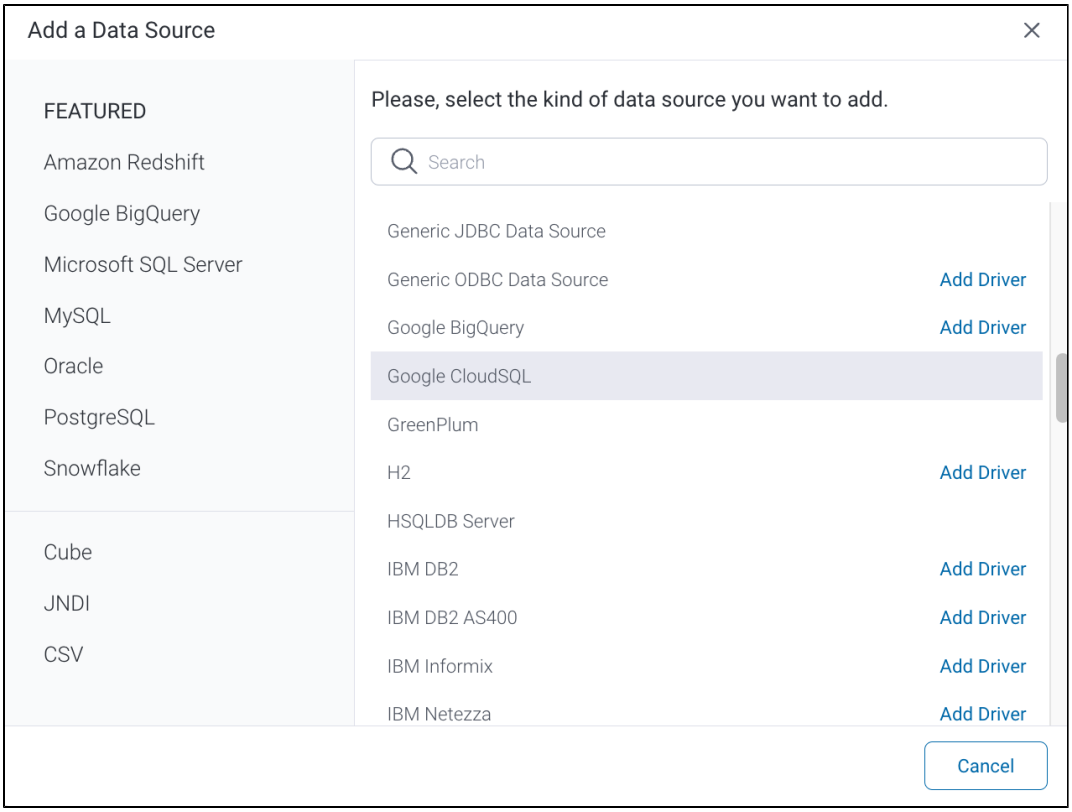
Follow the instructions below to connect Yellowfin to a Google Cloud SQL database instance.

Yellowfin does not ship with the driver required for this connection due to licensing/paywall reasons. You will need to manually upload the driver through the Plugin Manager or Creating a Basic Data Source Connection.

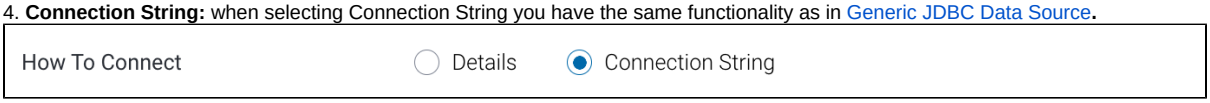
1. Click on the **Create** button and then on Data Source.



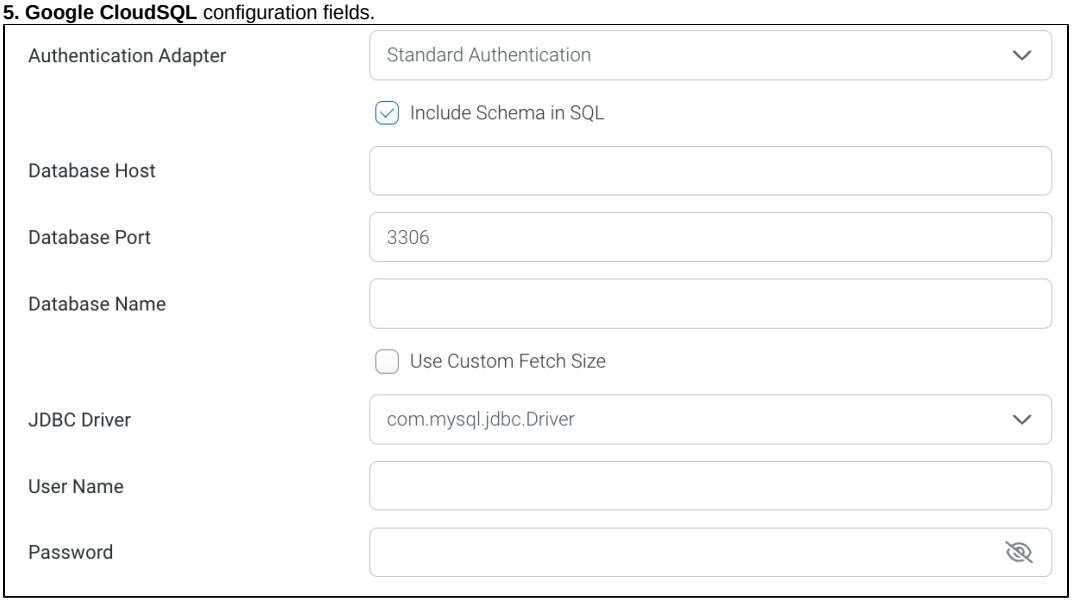
2. Select **Google Cloud SQL** from the databases list.



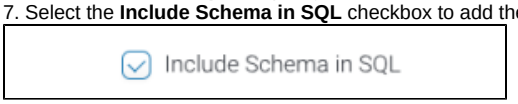
3. When the New Connection popup appears, provide a name and description for your database.
4. **Connection String:** when selecting Connection String you have the same functionality as in Generic JDBC Data Source**.**



5. Google CloudSQL configuration fields.



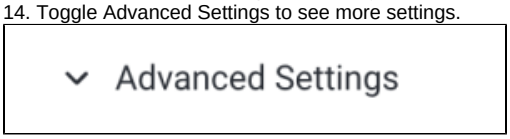
6. **Authentication Adapter:** Specify an authentication method for the database adapter. More details Advanced Connection Editor.
7. Select the **Include Schema in SQL** checkbox to add the schema name when addressing database tables in SQL queries.



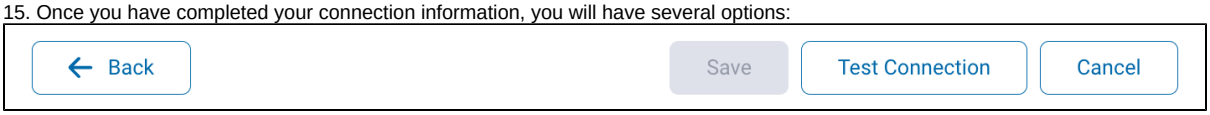
8. Next, enter the name or IP address of the server hosting the Google Cloud SQL instance.
9. The default TCP/IP port number for this database will automatically appear.
10. Enter the name of the database containing the data that you require.
11. Select the **Use Custom Fetch Size** checkbox if you want a specific number of data rows to be retrieved from the database after a query is executed, rather than fetching its entire result. Specify the number of rows in the Fetch Size field. Doing so will allow Yellowfin to process data faster.



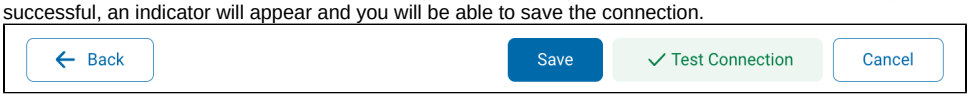
12. Yellowfin will automatically select the correct JDBC driver to talk to your Google Cloud SQL database.
13. Enter the username and password of your database account.
14. Toggle Advanced Settings to see more settings.



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



a. **Back:** This will navigate to the database selection.
b. **Cancel:** This will close the New Connection popup.
c. **Test Connection:** This will test the connection parameters you provided to ensure it can connect to your database. If the connection is successful, an indicator will appear and you will be able to save the connection.



d. **Save:** This will allow you to save your connection and navigate to the Success page:

