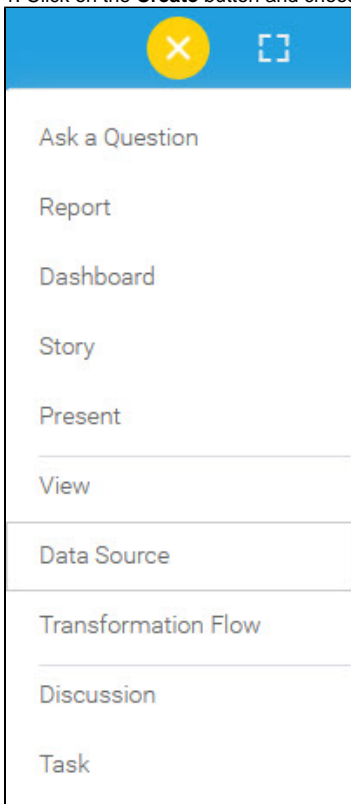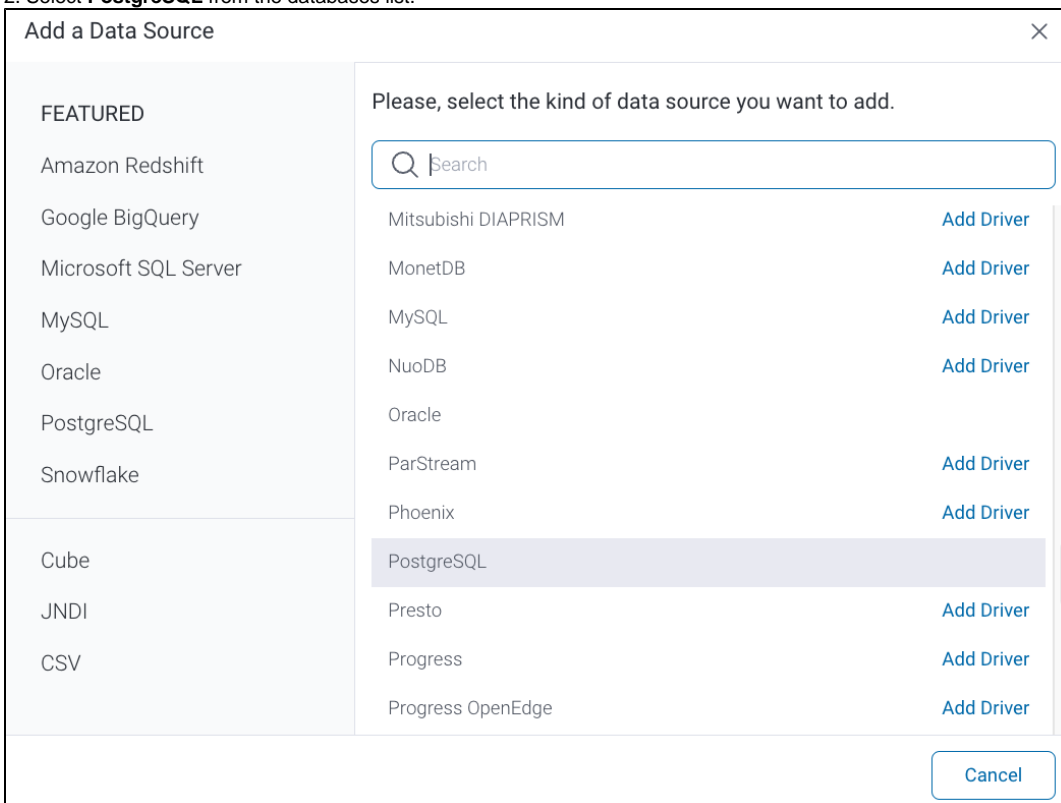# PostgreSQL

Follow the instructions below to connect Yellowfin to a **PostgreSQL** database.

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

    2. Select **PostgreSQL** 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.

How To Connect	○ Details	● Connection String

5. **PostgreSQL** configuration fields:

Authentication Adapter	Standard Authentication ⌄
	☑ Include Schema in SQL
Database Host	
Database Port	5432
Database Name	
JDBC Driver	org.postgresql.Driver ⌄
User Name	
Password	👁̸

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 include the schema name when addressing database tables in SQL queries.

☑ Include Schema in SQL

8. Next, enter the name or IP address of the server hosting the database.

9. The default port number for PostgreSQL will automatically appear.

10. Specify the name of the database containing the data that you require.

11. Yellowfin will automatically select the correct JDBC driver to talk to your PostgreSQL database.

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

13. Toggle Advanced Settings to see more settings.

⌄ Advanced Settings

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

← Back		Save	Test Connection	Cancel

    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.

← Back		Save	✓ Test Connection	Cancel

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

Add a Data Source	✕

✓ Data Source Saved

You successfully made your data connection.

Close