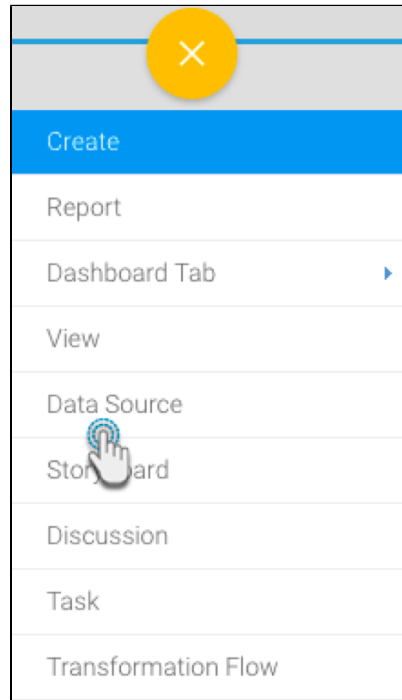# Hyper SQL Database

Follow the instructions below to connect Yellowfin to a HSQLDB (Hyper SQL database) server.

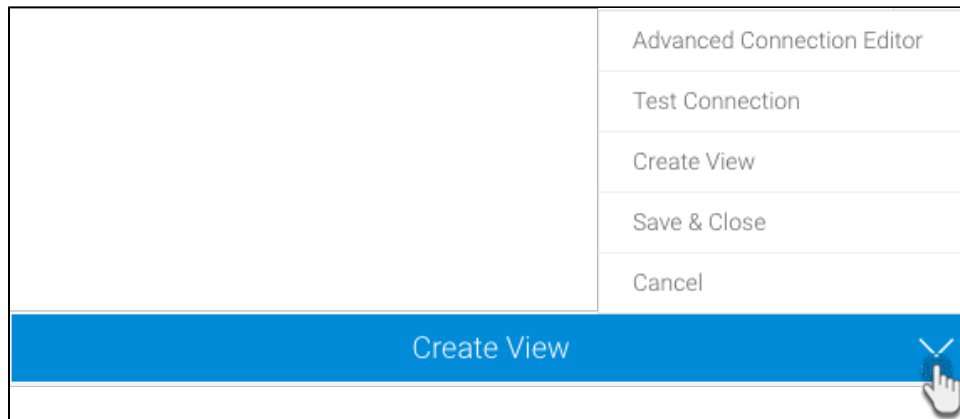1. Click on the Create button and then on Data Source.

2. Click on the Database icon.
3. When the New Connection popup appears, provide a name and description for your database.
4. From the Database Type drop down list, select **HSQLDB Server**. New configuration fields will appear on doing so.

5. Choose the database mode for your set up. If your database is on a separate server, then select **Server Mode**, but if it is embedded with the application, select **Embedded Mode**.
6. If you selected the *Server* mode, then provide the name of the server hosting the database. The TCP/IP port number for this database will automatically appear. However, skip over these steps for the embedded mode.
7. Next, enter the name of the database containing the data that you require.
8. Enter the username and password of your database account.

9. 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 validate 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.
10. We recommend testing the connection, and then saving it by using the Save & Close button.