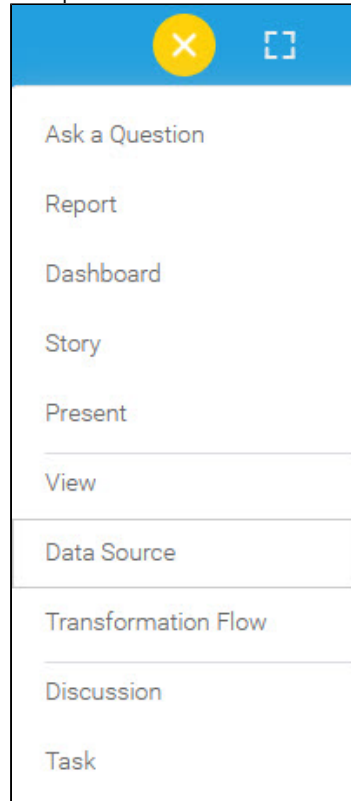# Oracle

Follow the instructions below to connect Yellowfin to an Oracle database.

> ⚠️ 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 choose the data source option.

2. Select **Oracle** from the databases list.

Add a Data Source   ✕

FEATURED   Please, select the kind of data source you want to add.

Amazon Redshift   🔍 Search

Google BigQuery   MySQL   Add Driver

Microsoft SQL Server   NuoDB   Add Driver

MySQL   Oracle

Oracle   ParStream   Add Driver

PostgreSQL   Phoenix   Add Driver

Snowflake   PostgreSQL

                            Presto   Add Driver

Cube   Progress   Add Driver

JNDI   Progress OpenEdge   Add Driver

CSV   Rocket U2/UniVerse   Add Driver

                            SalesForce.com   Add Driver

                                                                   Cancel

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. **Oracle** configuration fields:

Authentication Adapter	Standard Authentication ⌄
	☑ Include Schema in SQL
Authentication	Username/Password ⌄
Connection Method	SID ⌄
Database Host	
Database Port	1521
SID	
	☐ Use Custom Fetch Size
JDBC Driver	oracle.jdbc.OracleDriver (Oracle) ⌄
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. Specify how you want to connect by choosing one of the following connection methods:

a. **SID:** Select this option if you want to connect with the Oracle SID, which is a unique name that identifies your Oracle instance/database.
b. **Service:** Select this option to connect using the Oracle service name (TNS alias) and remotely connect to your Oracle instance.
c. **TNSNAMES:** This option should be selected if you want to connect by using the **tnsnames.ora** file. If connecting with a SID or service name, continue with the following steps, otherwise skip to step 10 if you have chosen to connect using the tnsnames.ora file.

9. Next, enter the name or IP address of the server hosting the database.
10. The default port number for Oracle will automatically appear.
11. Provide the name of the database containing the data that you require.
12. Enter the value of the selected connection method (selected in step 6). E.g. if SID was chosen, provide the source ID number, or if TNSNAMES was selected, then provide the contents of your tnsnames.ora file.
13. 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.

	☑ Use Custom Fetch Size
Fetch Size	200

14. Yellowfin will automatically select the correct JDBC driver to talk to your Oracle database.
15. Enter the username and password of your database account.
16. Toggle Advanced Settings to see more settings.

> ⌄ Advanced Settings

17. 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