

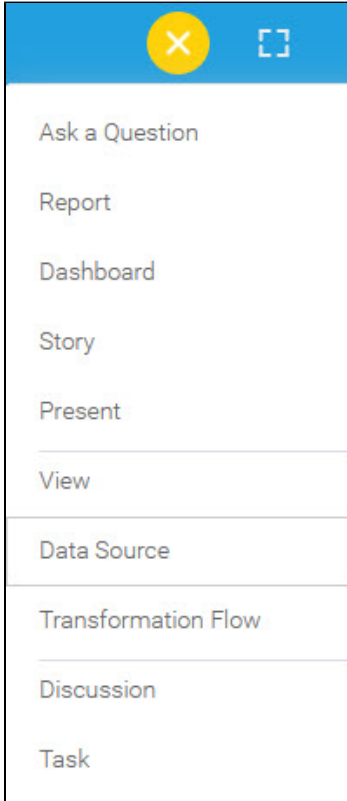
Phoenix

Follow the instructions below to connect Yellowfin to a Phoenix 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 **Phoenix** from the databases list.

Add a Data Source

FEATURED

Amazon Redshift
Google BigQuery
Microsoft SQL Server
MySQL
Oracle
PostgreSQL
Snowflake

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

Q Search

Oracle
ParStream
Phoenix
PostgreSQL
Presto
Progress
Progress OpenEdge
Rocket U2/UniVerse
SalesForce.com
SAP HANA
SAS

Add Driver
Add Driver
Add Driver
Add Driver
Add Driver
Add Driver
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. **Phoenix** configuration fields:

Authentication Adapter

Standard Authentication

☒ Include Schema in SQL

Database Host

Database Port

2181

Path

JDBC Driver

org.apache.phoenix.jdbc.Phoenix...

User Name

Password

6. **Authentication Adapter:** Specify an authentication method for the database adapter. More details [Advanced Connection Editor](#).

7. **Include Schema in SQL:** Select this checkbox to add the schema name when addressing database tables in SQL queries.

8. **Database Host:** Enter the single hostname of the server or a comma-separated Zookeeper Quorum.

9. **Database Port:** The TCP/IP port used for this connection.

Database Port

2181

10. **Path:** This field makes up part of the Phoenix connection string. Set your path to *HBase root Znode*. If you also have a Kerberos authentication system, then you should set the path to: *hbase root znode [:kerberos_principal [:path to kerberos keytab]]*. For further clarification on the Phoenix connection string, refer to this external guide: https://phoenix.apache.org/faq.html#What_is_the_Phoenix_JDBC_URL_syntax

11. **JDBC Driver:** The JDBC driver to talk to your Phoenix source.

JDBC Driver	org.apache.phoenix.jdbc.Phoenix...	▼
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12. **Username:** Enter the username of your database account.

13. **Password:** Provide the password of the above account.

14. Toggle Advanced Settings to see more settings.

▼ Advanced Settings

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

← Back	Save	Test Connection	Cancel
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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
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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		