Google BigQuery

This section covers the procedure to connect Yellowfin to a Google BigQuery data source.

If the writable data source functionality is enabled, you are permitted to write data to a Google BigQuery database

Instructions

Follow the instructions create a connection with Big Query. You can use any of your Google service accounts to authenticate the connection.



- 1. Click on the Create button and choose the data source option.
- 2. Then select the database option.

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- 3. When the New Connection popup appears, provide a name and description for your database.
- 4. Choose Google BigQuery from the list of available database options. New configuration fields will appear on doing so.

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- 5. Include Schema in SQL: Select this checkbox to add the schema name when addressing database tables in SQL queries.
- 6. Project: Enter the name of the BigQuery project.
- 7. Service Account: Specify the email address of your Google service account.
- P12 Key File Path: Provide the full path to a private key file for a service account. This is used to authenticate the service account email address. This field supports both type of key formats: .p12 and .json.

You can download the private key file from the Google API console web page.

- 9. JDBC Driver: The JDBC driver used to talk to your Google BigQuery database. You must install this driver through the Plugin Manager.
- 10. Username: Enter the username of your database account.
- 11. **Password:** Provide the password of the above account.
- 12. Once you have completed your connection information, you will have several options:
 - 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.
- 13. We recommend testing the connection, and then saving it by using the Save & Close button.