Oracle Analytics

Augmented Data Visualization with Machine Learning

Section 2

Creating Data Sets from Different Data Sources

Built-in Data Connectors

Connect with multiple sources

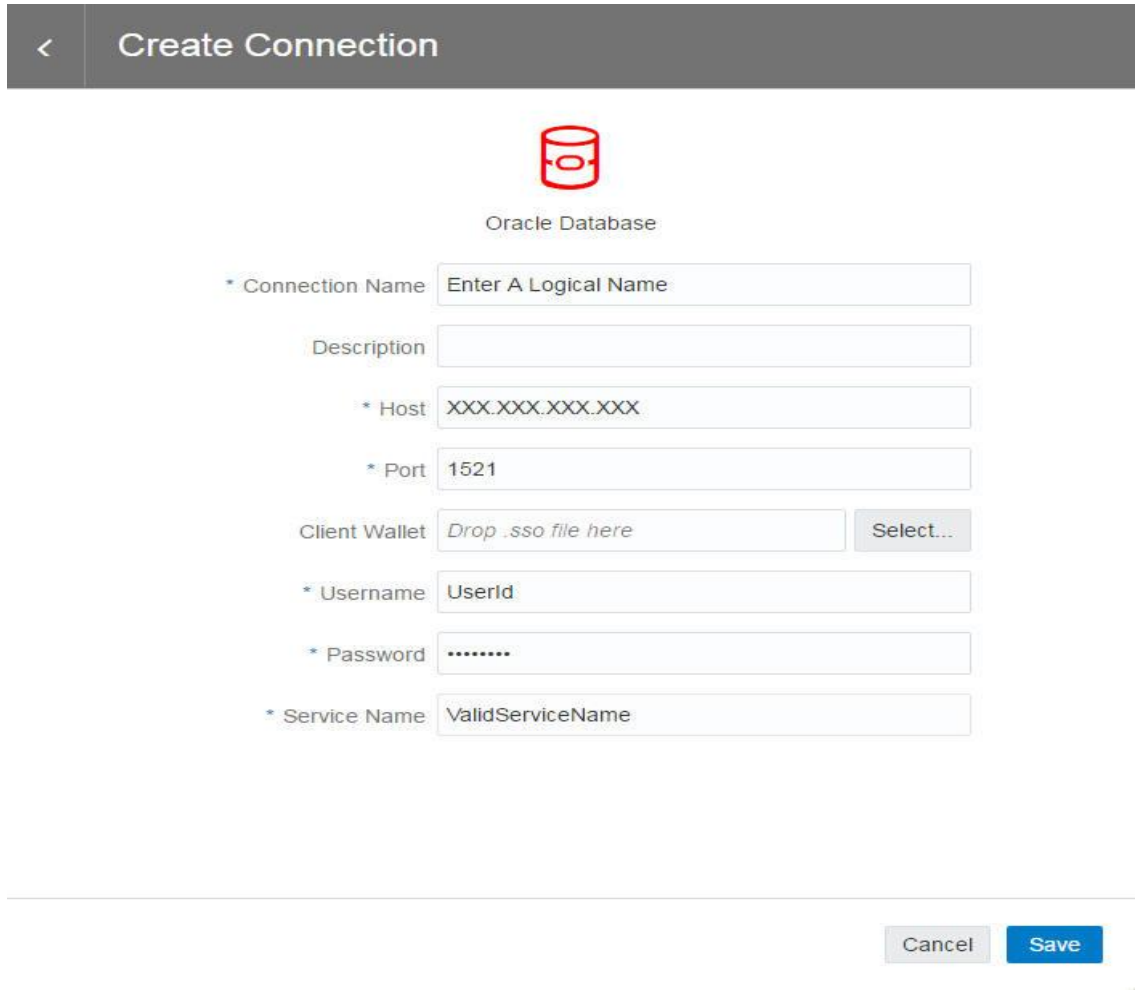
Section 2: Creating Data Sets from Different Data Sources

Typical Steps for using the Connectors

Important to remember

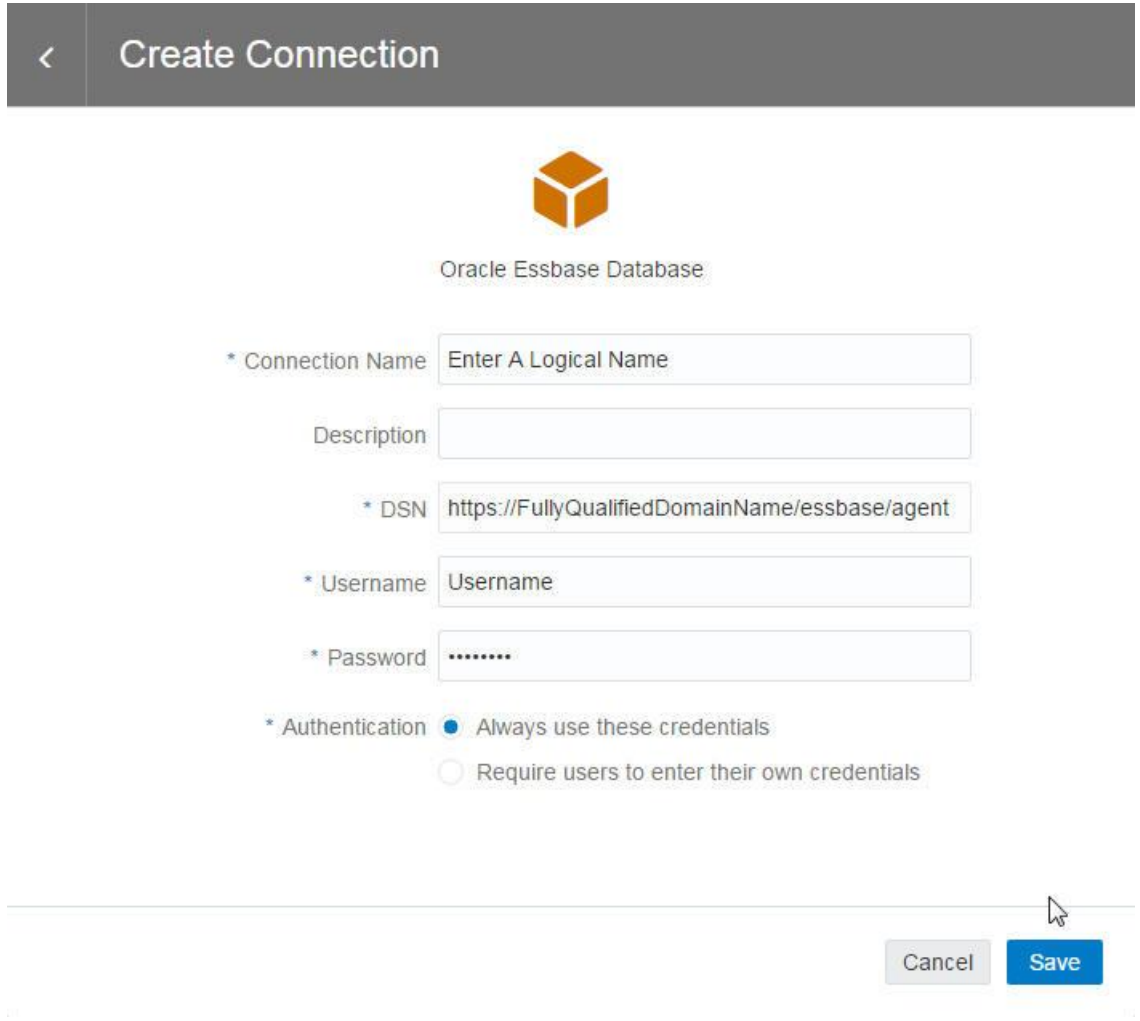
- Step One – Create a connection
- Step Two – Create a Data Set
  - In case of a Data File, that needs to be analyzed, skip the first step
    - Supported file formats are xls, xlsx, csv and txt
  - The connection can also be leveraged to create a Data-Set for a Data Flow
- Step Three – Create a Visual Project from the Data Set
  - Before creating visuals, you may want to “Prepare” the data, in your project, this step is optional

Create Database Connection



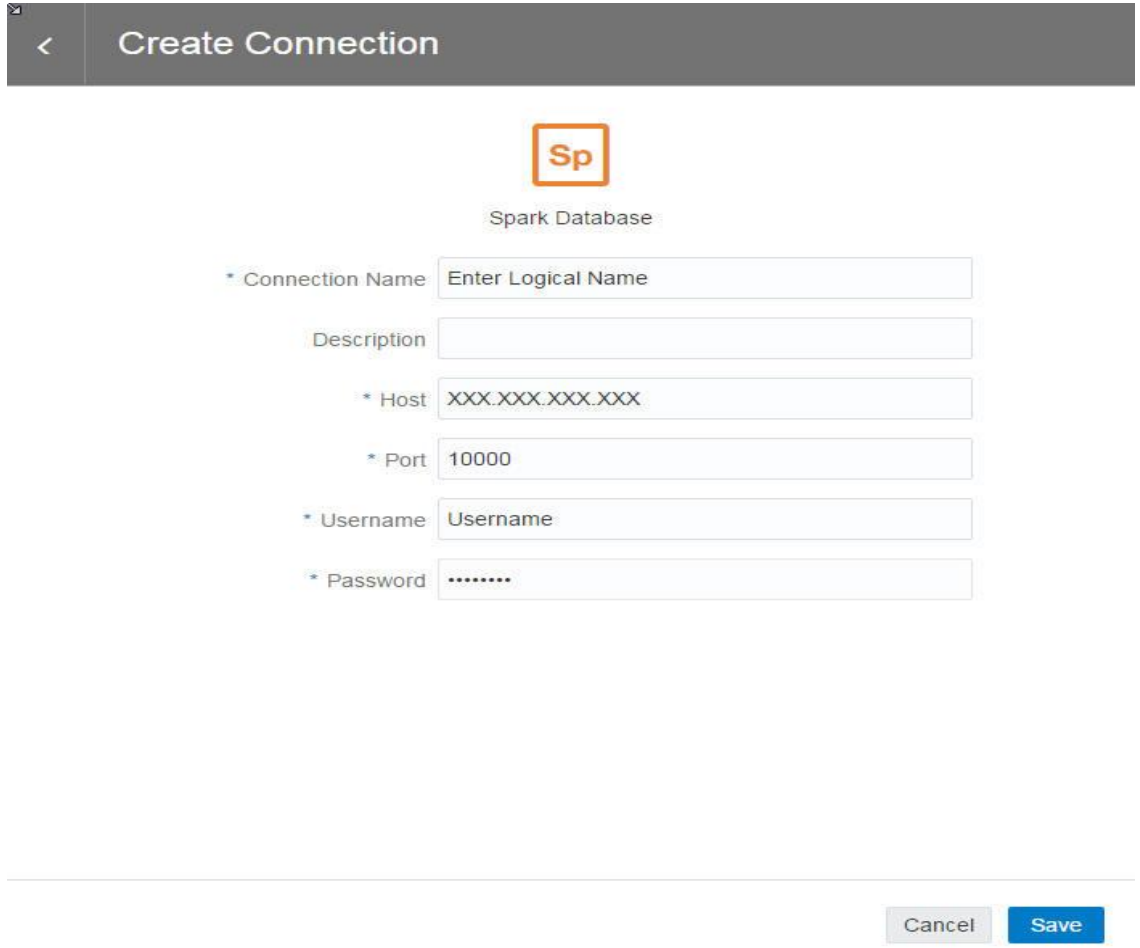
- Mandatory details marked with asterisk (*)
- If you're creating an SSL connection to an Oracle Database, in the **Client Wallet** field, click **Select** to browse for the *cwallet.sso* file, ask your administrator for the file location
- You can use this connector to connect to both Cloud Oracle DB and On-premises DB

Create Essbase Connection



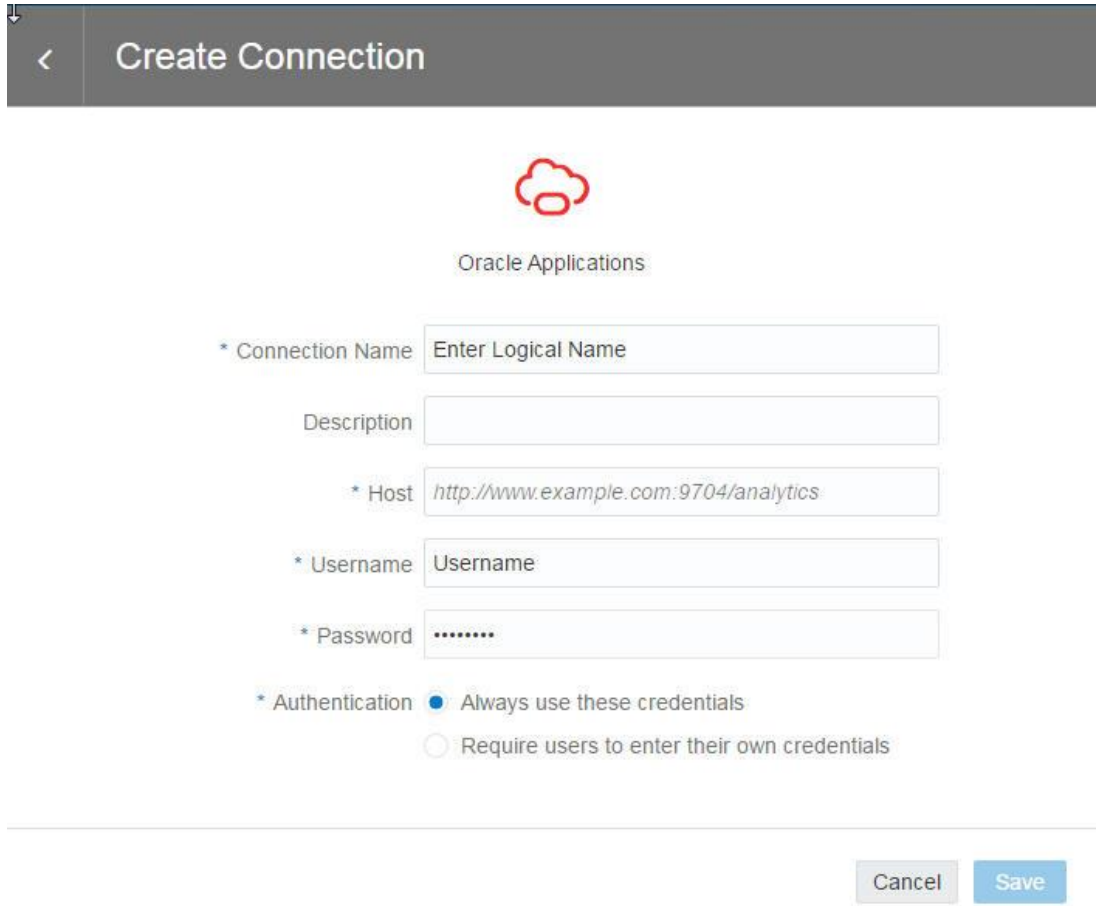
- Mandatory details marked with asterisk (*)
- For **DSN** (data source name), enter the agent URL for your data source.
- You can create connections to Oracle Essbase data on a private network and use the connections to access source data
- **Always use these credentials**: The username and password you provide for the connection are always used. Users aren't prompted to sign in to access the data available through this connection.
- **Require users to enter their own credentials**: Users are prompted to enter their own username and password if they want access to this data source. Users see only the data that they have the permissions, privileges, and role assignments to see.

Create Spark Connection



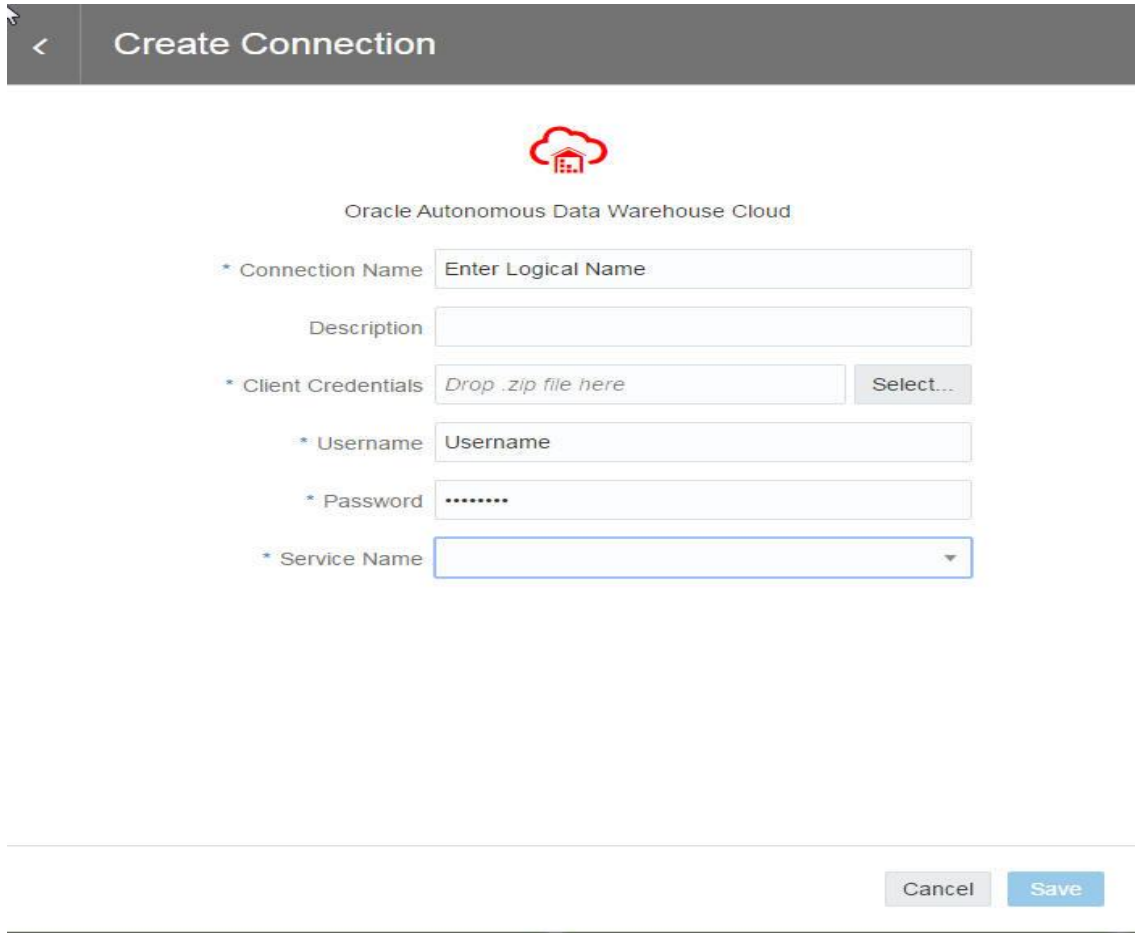
- Mandatory details marked with asterisk (*)
- Enter all the mandatory criteria

Create Oracle Applications Connection



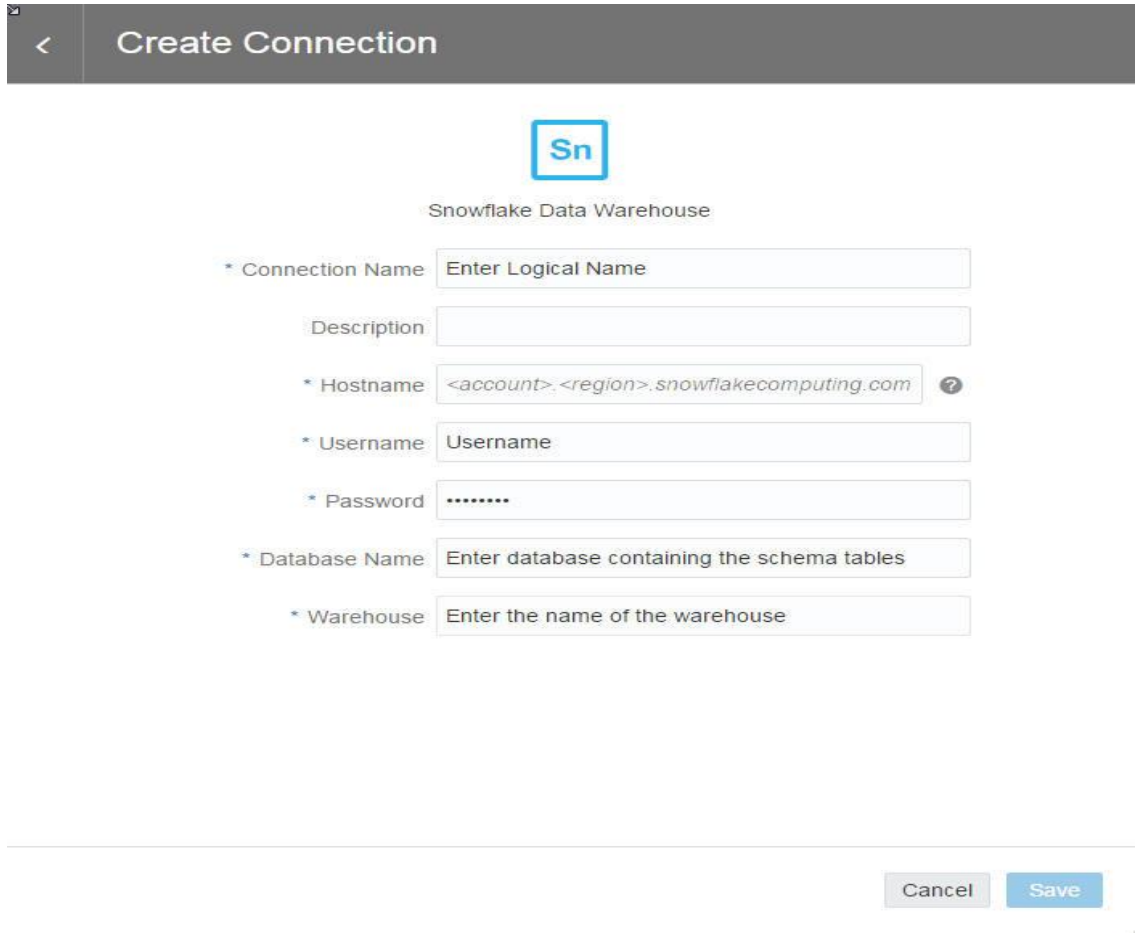
- Mandatory details marked with asterisk (*)
- Host - the URL for Oracle Fusion Applications with Oracle Transactional Business Intelligence or Oracle BI EE
- Oracle SaaS Applications, you can connect to are Sales, Financials, HCM, Supply Chain, Procurement, Project and Loyalty
- Same connector for your on-premises Oracle BI Enterprise Edition deployments and another Oracle Analytics Cloud service

Create Oracle Autonomous DW Connection



- Mandatory details marked with asterisk (*)
- To enable secure communication between Oracle Analytics Cloud and Oracle Autonomous Data Warehouse, you must upload trusted SSL certificates from Oracle Autonomous Data Warehouse to Oracle Analytics Cloud
- The wallet file that you upload must contain SSL certificates, to enable SSL on your Oracle Autonomous Data Warehouse connections.
- Select an appropriate Service Name from the drop-down list

Create Snowflake DW Connection



- Mandatory details marked with asterisk (*)
- Hostname - See format guidelines at https://docs.snowflake.net/manuals/user-guide/connecting.html
- For Database Name, enter the name of the database containing the schema tables and columns that you want to connect to
- For Warehouse, enter the name of the warehouse containing the database, schema tables and columns that you want to connect to. For example “Example-WH”

Learn More !!

Refer to documents

- Refer to the document “Visualizing Data and Building Reports in Oracle Analytics Cloud” available at cloud.oracle.com
- Refer to the link https://docs.oracle.com/en/cloud/paas/analytics-cloud/acubi/add-data-sources-analyze-and-explore-data-acubi.html