1. Import the Super store excel data into MySQL and store the data across three tables orders, people and returns

**Process**

* Start Excel, select the Data menu tab, and then click MySQL for Excel to open the MySQL for Excel task pane.
* From the Open a MySQL Connection area in the task pane, double-click an existing local or remote connection to display the available database schemas.
* Select a schema from the list and click Next to display all database objects in the schema (tables, views, and procedures).
* Select the cells in the Excel worksheet to export and then click Export Excel Data to New Table. A preview window displays the selected data and provides Column Options and Advanced Options to be used during the export operation.
* In the Export Data to MySQL dialog, do the following:
  + Specify whether the first row in the preview should be used as the column name. This option is selected by default.
  + The First Row Contains Column Names check box controls the data type for columns either by defaulting the type to a suitable one for rows 2-*n* (if checked) or to one suitable for rows 1-*n* (if unchecked).
  + Type a unique table name and select the collation to use for the new table.
  + Choose or create a primary key column for the new table.
  + Select each column and apply the appropriate options and option values.
  + Click Export Data to create the new table with data.

1. Connect Tableau Desktop to MySQL database

* Start Tableau and under Connect, select MySQL. For a complete list of data connections

1. Import the joined data set of the aforesaid three tables through custom SQL

* From the Database drop-down list, select a database or use the text box to search for a database by name.
* Under Table, select a table or use the text box to search for a table by name.

1. Rename the data connection as ‘my super store data’

The following steps were followed

* Connect to the published data source from Tableau Desktop.
* Create a local copy of the data source by selecting Data > <data source> > Create Local Copy.
* Save the local copy of the data source.
* Replace the published data source in the workbook with the newly created local data source by selecting Data > Replace Data Source.
* Right-click the published data source and then select Close to close the published data source.
* Make the desired changes to the local copy of the data source.
* Select Data > <data source > Publish to Server to overwrite the original published data source on Tableau Server.
* Select Data > Connect to Data to connect to the newly published data source.
* Select Data > Replace Data Source to replace the local data source with the published data source.
* Right-click the local data source and then select Close to close the local data source.

1. Create an extract out of the data connection
   * In the upper-right corner of the Data Source page, select **Extract**, and then click **Edit** to open the Extract Data dialog box.

* Click **Add** to define one or more filters to limit how much data gets extracted based on fields and their values.
* Select **Aggregate data for visible dimensions** to aggregate the measures using their default aggregation. Aggregating the data consolidates rows, can minimize the size of the extract file, and increase performance.
* Select the number of rows you want to extract. You can extract **All rows** or the **Top***N* rows. Tableau first applies any filters and aggregation and then extracts the number of rows from the filtered and aggregated results.
* When finished, click **OK**.
* Click the sheet tab. Clicking the sheet tab causes the extract to be created.

6. Save the workbook as Super store dashboard.twbx

1. Select **File > Save As**.
2. Specify a file name for the packaged workbook in the Save As dialog box.
3. Select **Tableau Packaged Workbooks** on the **Save as type** drop-down list.
4. Give a name superstoredashboard.twbx