Dashboard Creation: Google Looker Studio

Estimated time needed: **30** minutes.

Scenario

You are a data engineer at an e-commerce company. Your company has finished setting up a data warehouse. Now you are assigned the responsibility to design a reporting dashboard that reflects the key metrics of the business.

Objectives

In this assignment you will:

- Create a dashboard using Google Looker Studio

Software Required

- Google Looker Studio

Note - Screenshots

Throughout this lab you will be prompted to take screenshots and save them on your own device. You will need these screenshots to either answer graded quiz questions or to upload as your submission for peer review at the end of this course. You can use various free screengrabbing tools to do this or use your operating system's shortcut keys to do this (for example Alt+PrintScreen in Windows).

Pre-requisites

- Google Looker Studio Free version is required to do this lab, so it is presumed that you have worked on it already. If you want to brush up on the basics of using Google Looker Studio, it is recommended that you complete the following labs:

  [Getting Started with Google Looker Studio](#)

  [Creating and Configuring Visualizations in Reports with Google Looker Studio](#)

Environment Setup

Before you proceed with the assignment :

- Download the data from this [link](#)

Exercise 1 - Load data into the Google Looker Studio

In order to complete Tasks 1-3 below, you have to upload the CSV file into Google Looker Studio.

Task 1 - Import data

Upload the downloaded csv file `ecommerce.csv` into Google Looker Studio and take a screenshot of successful loading of the CSV file.

Name the screenshot as `dataimport.jpg`. (images can be saved with either .jpg or .png extension)

Task 2 - List first 10 rows

List the `first 10 rows` of the table and take a screenshot of the result.

Name the screenshot as `first10rows.jpg`. (images can be saved with either .jpg or .png extension)

Exercise 2 - Accessing the DataSource in Google Looker Studio

Task 3 - Create a data source

Take a screenshot of the `datasource` created in the Google Looker Studio.

Name the screenshot as `datasource.jpg`. (images can be saved with either .jpg or .png extension)

Exercise 3 - Create a dashboard

Task 4 - Create a line chart

Create a line chart of month wise total sales for the year 2020.

Take a screenshot of the line chart you created.

Name the screenshot as `linechart.jpg`. (images can be saved with either .jpg or .png extension)

Task 5 - Create a pie chart

Create a pie chart of category wise total sales.

Take a screenshot of the pie chart you created.

Name the screenshot as `piechart.jpg`. (images can be saved with either .jpg or .png extension)

Task 6 - Create a bar chart

Create a bar chart of Quarterly sales of mobile phones

Take a screenshot of the bar chart you created.

Name the screenshot as `barchart.jpg`. (images can be saved with either .jpg or .png extension)

End of assignment

Author(s)

Appalabhaktula Hema