

Step 1. Import the necessary libraries

Step 2. Import the dataset from this :-

<https://drive.google.com/file/d/1Drj8dq3zwM527mUVESiWBTTtVKjrsKycM/view?usp=sharing>

Step 3. Assign it to a variable called chipo.

Step 4. See the first 10 entries

Step 5. What is the number of observations in the dataset?

Step 6. What is the number of columns in the dataset?

Step 7. Print the name of all the columns.

Step 8. How is the dataset indexed?

Step 9. Which was the most-ordered item?

Step 10. For the most-ordered item, how many items were ordered?

Step 11. What was the most ordered item in the choice_description column?

Step 12. How many items were ordered in total?

Step 13. Turn the item price into a float

Step 13.a. Check the item price type

Step 13.b. Create a lambda function and change the type of item price

Step 13.c. Check the item price type

Step 14. How much was the revenue for the period in the dataset?

Step 15. How many orders were made in the period?

Step 16. What is the average revenue amount per order?

Step 17. How many different items are sold?

DA Test

Data Visualisation:-

Create a **bar chart** of top 10 most-ordered items.

Create a **pie chart** showing the proportion of different choice_description categories.

Identify **high-revenue generating items**.

Suggest **business insights** from your analysis (2–3 key points).