

Pandas Exercise 2

using orders.csv

1. Load the CSV file into a pandas DataFrame. Ensure you parse created_date as a datetime type.
2. correct the data types
3. Display the first 10 rows of the DataFrame.
4. Show the basic information (info) and summary statistics (describe) of the dataset.
5. Count the total number of orders in each state (Cancelled, Completed, Pending).
6. Find the average total_paid for each state.
7. Extract the month and year from created_date and create new columns for them.
8. Calculate the total revenue (total_paid) per month.
9. Find the average total_paid for orders in each month of 2017.
10. Filter the orders that were completed in Q1 of 2017 and calculate their total revenue.
11. Export the DataFrame with the month and year columns to a new CSV file.

Delivery:

Jupyter Notebook (indiv. work)