

Data Analyst Task

- 1) Import data into MySQL database.
- 2) Perform data cleaning and transformation using Python.
- 3) Create a Power BI dashboard to visualize key insights.

Load the datasets and clean them by using python:

- Cleaned and perform necessary operations on data.
- Create a new column in the sales data to calculate total_sale_amount (quantity sold \times price).

Insert the cleaned data into mysql database/ Excel file.

Power BI (Dashboard)

Import the cleaned dataset into Power BI from mysql database/ Excel file.

Create a dashboard that includes the following visuals:

- A bar chart showing revenue by product category.
- A map displaying revenue by region.
- A line chart showing monthly revenue trends for 2023.
- A table listing the top 5 products by revenue.
- Include additional insights based on business requirements.

Ensure the dashboard is interactive and user-friendly, with proper filters and labels.

Reference Link:

https://drive.google.com/drive/folders/1i99IINjHv50QEU6WWqtF6CtcS5HXpFrq?usp=drive_link