Data Analyst Project

Step 1: Python Code using Data set.xlsx

- Load the data from the 'Data set.xlsx' file using Python.
- Perform Exploratory Data Analysis (EDA), including calculating:
    - Measures of central tendency (mean, median, mode)
    - Measures of dispersion (variance, standard deviation, range)
    - Skewness
    - Kurtosis

Step 2: SQL Code using Data set.xlsx

- If the data is in a SQL database, write SQL queries to perform EDA.
- Calculate:
    - Measures of central tendency (mean, median, mode)
    - Measures of dispersion (variance, standard deviation)
    - Skewness and kurtosis

Step 3: Excel Code using Data set.xlsx

- Open 'Data set.xlsx' in Excel.
- Use Excel functions to calculate:
    - Measures of central tendency
    - Measures of dispersion
    - Skewness
    - Kurtosis

Step 4: Create an Interactive Dashboard

- Use tools like Streamlit, Plotly Dash, or Power BI to create an interactive dashboard.

- The dashboard should allow users to:

    - Select columns

    - Visualize data distributions

    - Interact with the statistical results