**Question 1: Perform the following tasks:**

● Create a pairplot to visualize relationships between multiple numerical variables.

● Generate a heatmap to display the correlation matrix of these variables.

● Identify and print pairs of variables with the highest and lowest correlation coefficients

**Dataset:** Dataset is provided or you get from Titanic Dataset

(<https://www.kaggle.com/datasets/yasserh/titanic-dataset>)

**Question 2: Perform the following task:**

Explore the Netflix dataset to understand the distribution of movies vs. TV shows, identify the countries producing the most content, and analyze the trend of releases over the years. What genres are most common, and how does the rating distribution vary across genres?

**Dataset:** Netflix Shows

(<https://www.kaggle.com/datasets/shivamb/netflix-shows>)

**Question 3: Perform the following task:**

Conduct an exploratory data analysis on the Melbourne Housing Market dataset. Identify trends in housing prices over time, analyze the impact of location, and explore the relationship between property attributes (such as the number of rooms, type of property, and land size) and price.

**Dataset:** Melbourne Housing Market

(<https://www.kaggle.com/datasets/anthonypino/melbourne-housing-market>)