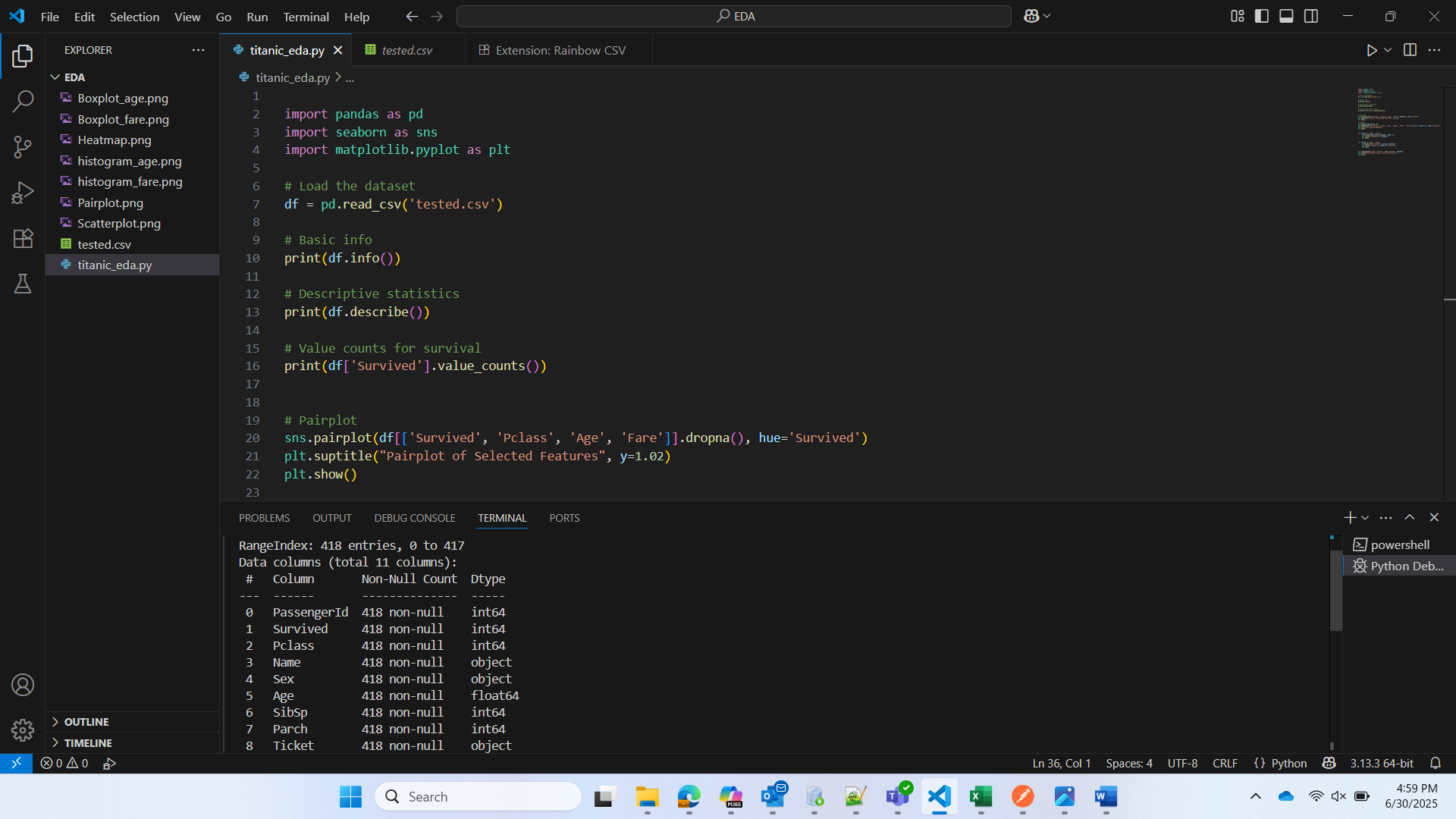
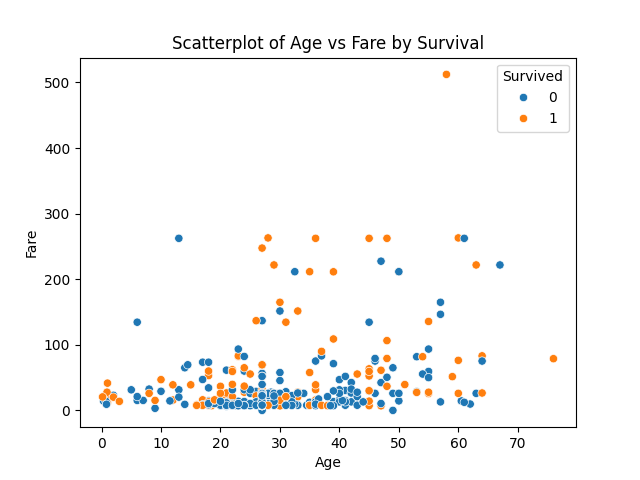
Task-5: Exploratory Data Analysis (EDA)

Dataset: [tested](file:///C:\Users\yashi.agarwal01\Downloads\EDA\tested.csv)  
  
Python code:

  
A screenshot of a computer

AI-generated content may be incorrect.  
  
Plots and Graphs:



A graph of a box plot

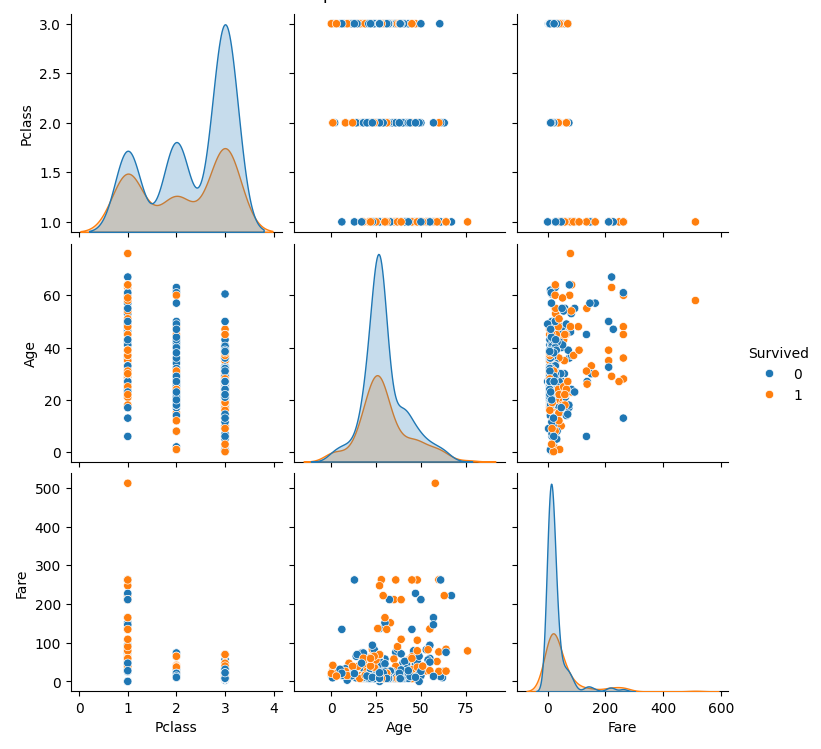
AI-generated content may be incorrect.

A diagram of a box plot

AI-generated content may be incorrect.A graph with blue lines

AI-generated content may be incorrect.A graph of age and age

AI-generated content may be incorrect.A diagram of a graph

AI-generated content may be incorrect.

## Summary of Findings:

1. Survival rates vary significantly across passenger classes.

2. Age and Fare show some correlation with survival.

3. Higher-fare passengers tend to have higher survival rates.

4. Younger passengers show slightly higher survival rates.

5. There are outliers in Fare and Age distributions.

6. Correlation heatmap shows moderate relationships among features