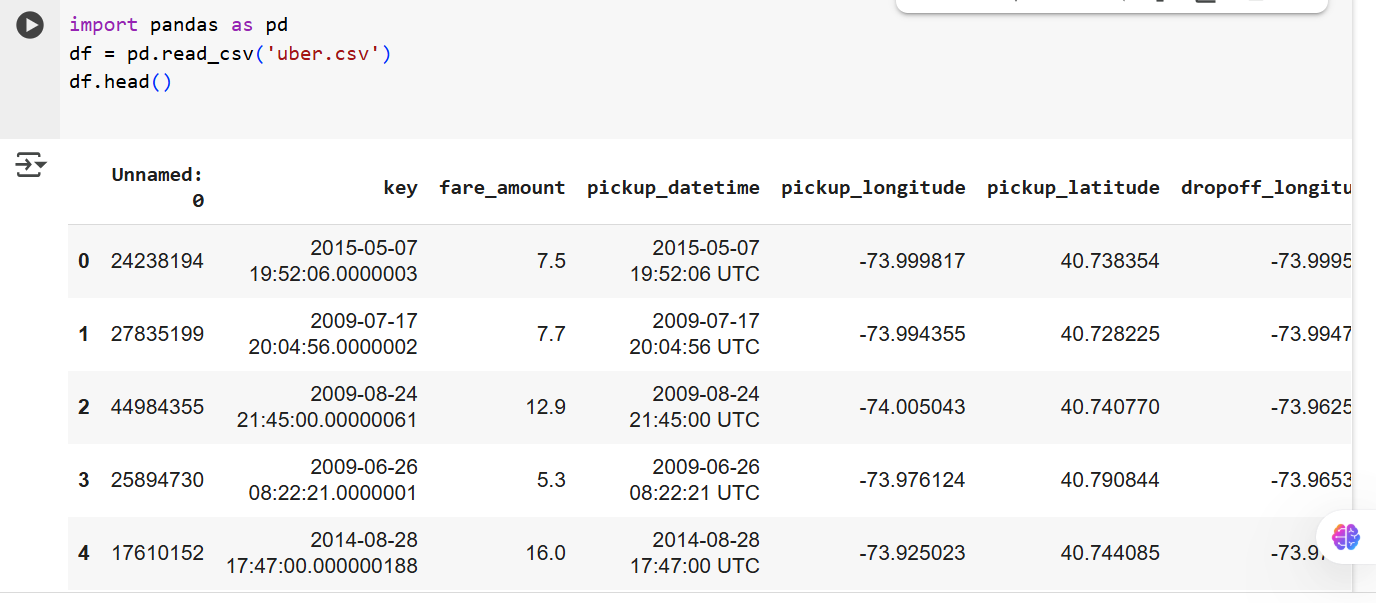
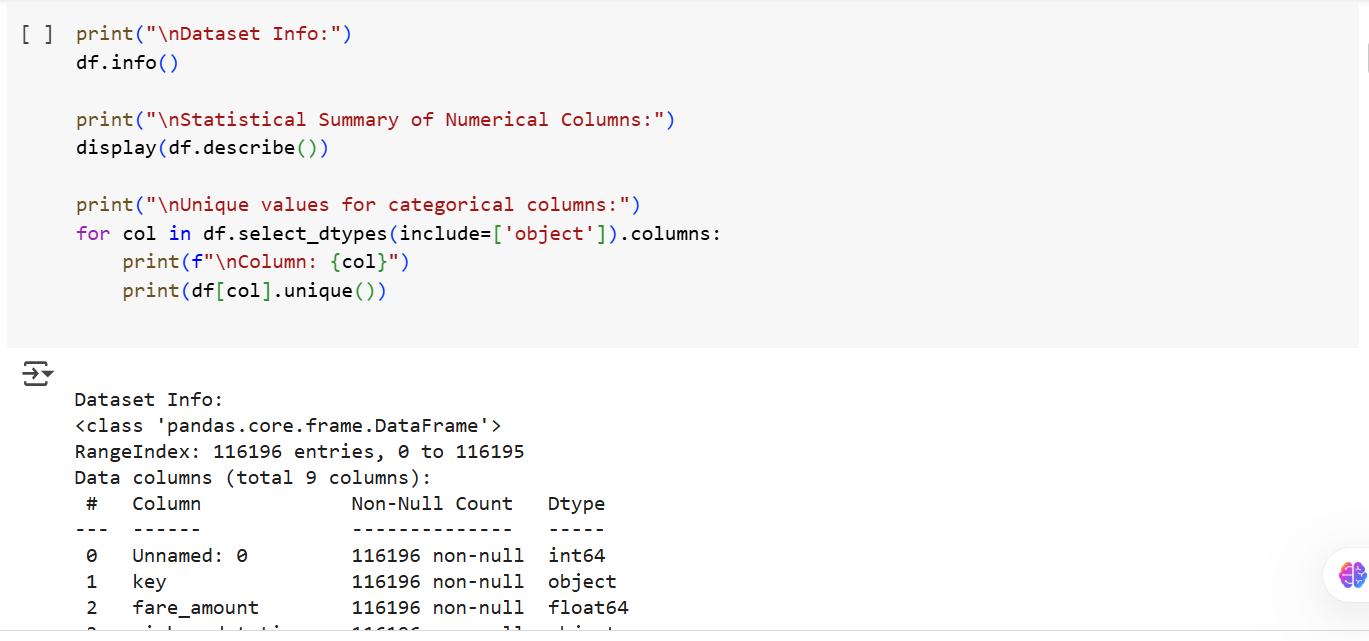
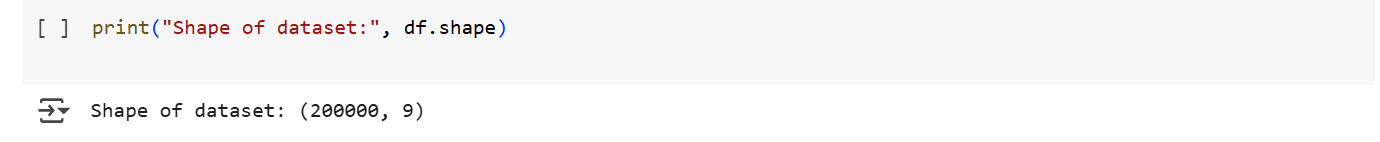
Load the dataset into a Pandas DataFrame using Python

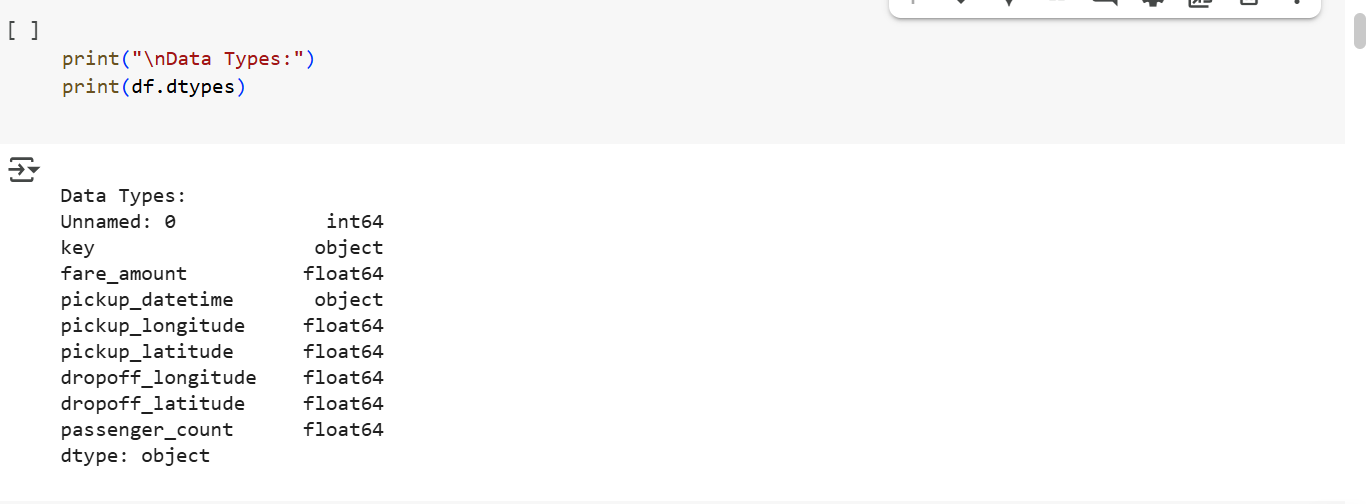


Dataset structure and dimensions



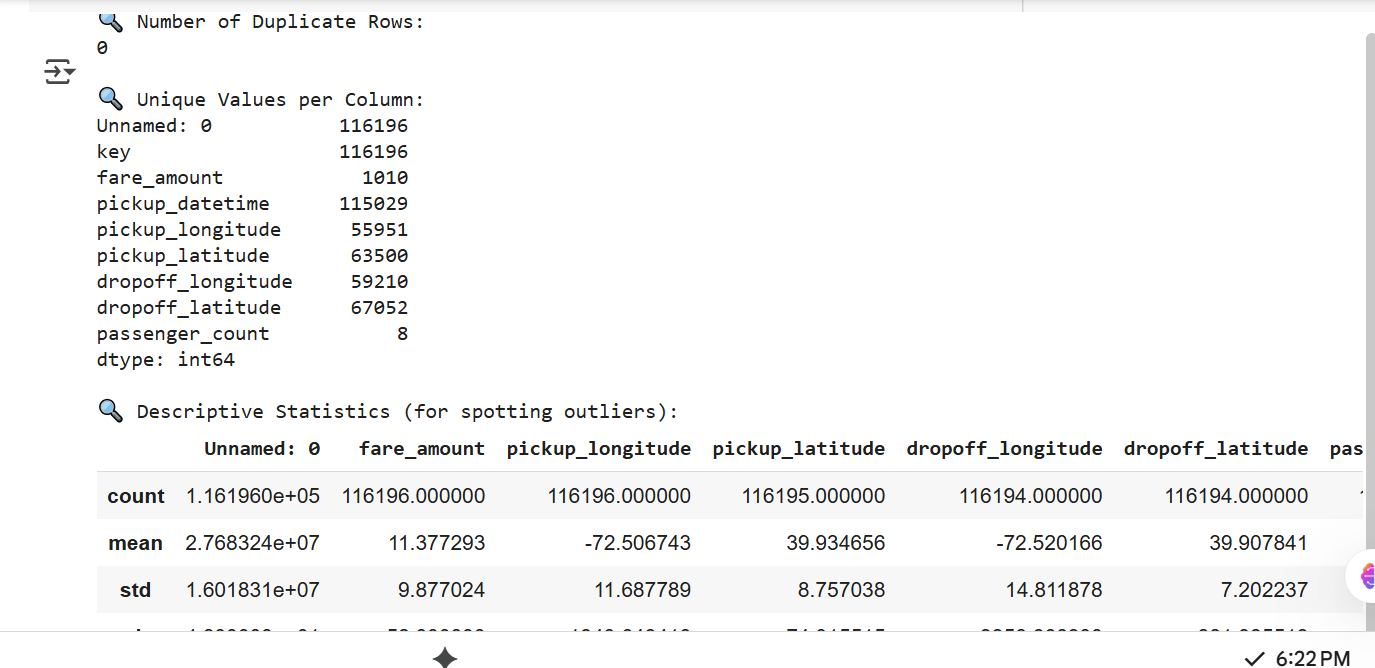


• Data types and variable descriptions



• Initial data quality assessment

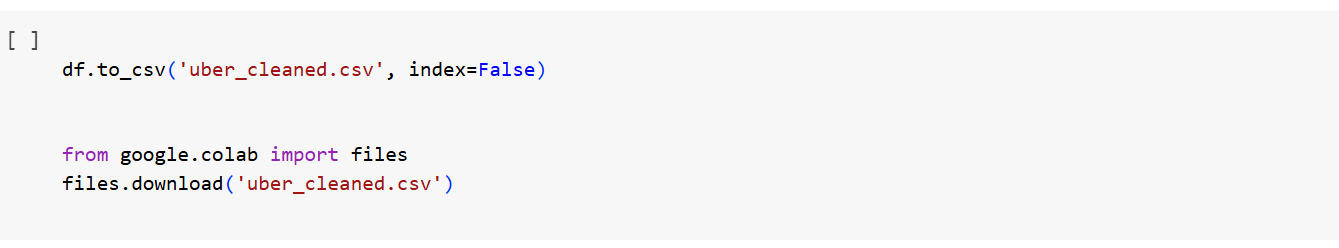




d. Handle missing values and clean the data for analysis



e. Export the cleaned dataset as a CSV file for Power BI import

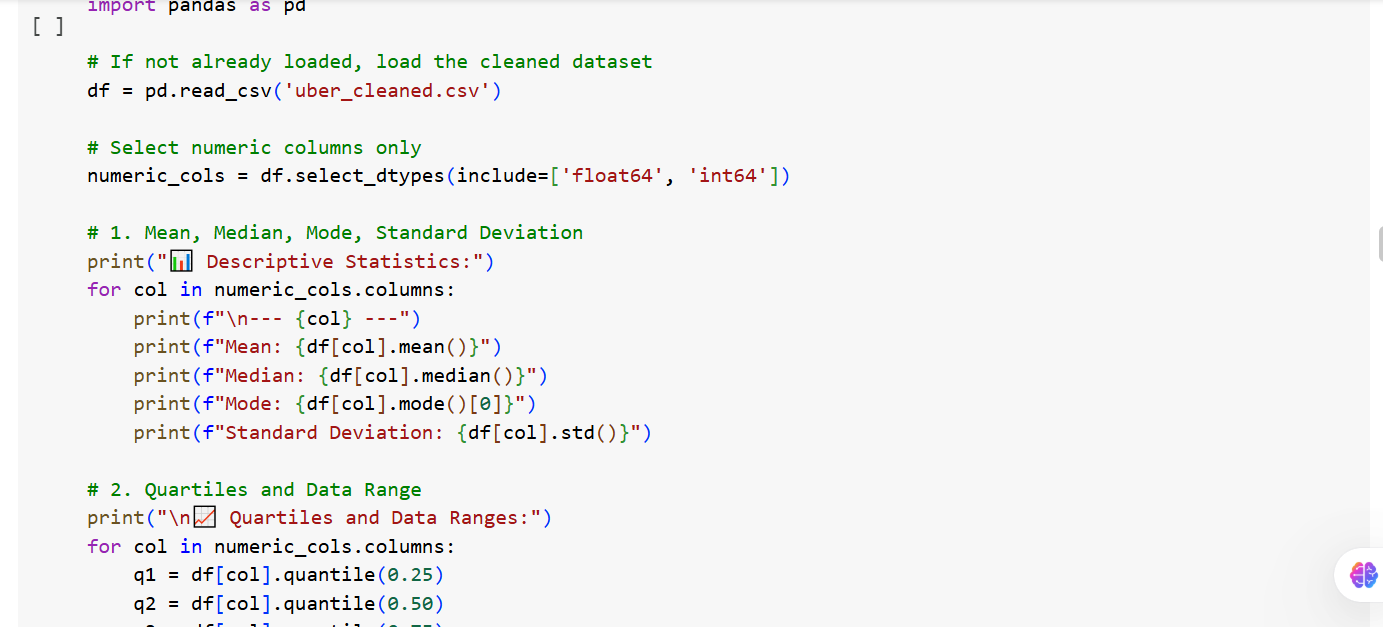


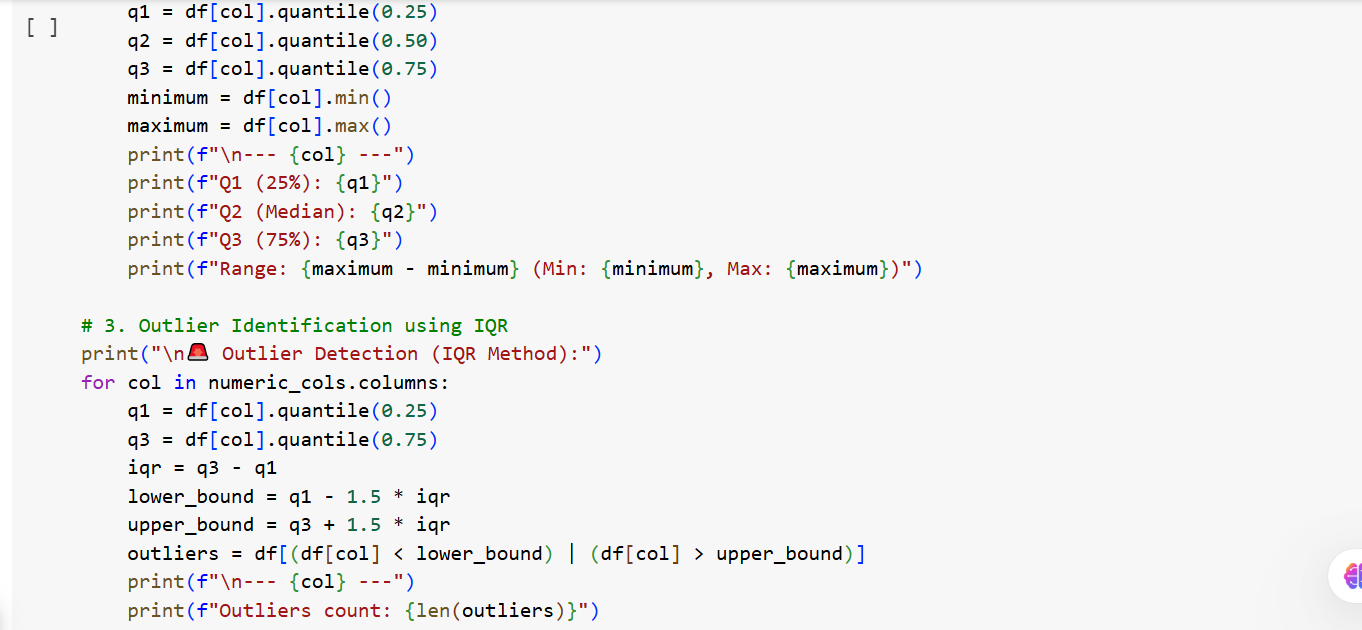
Exploratory Data Analysis

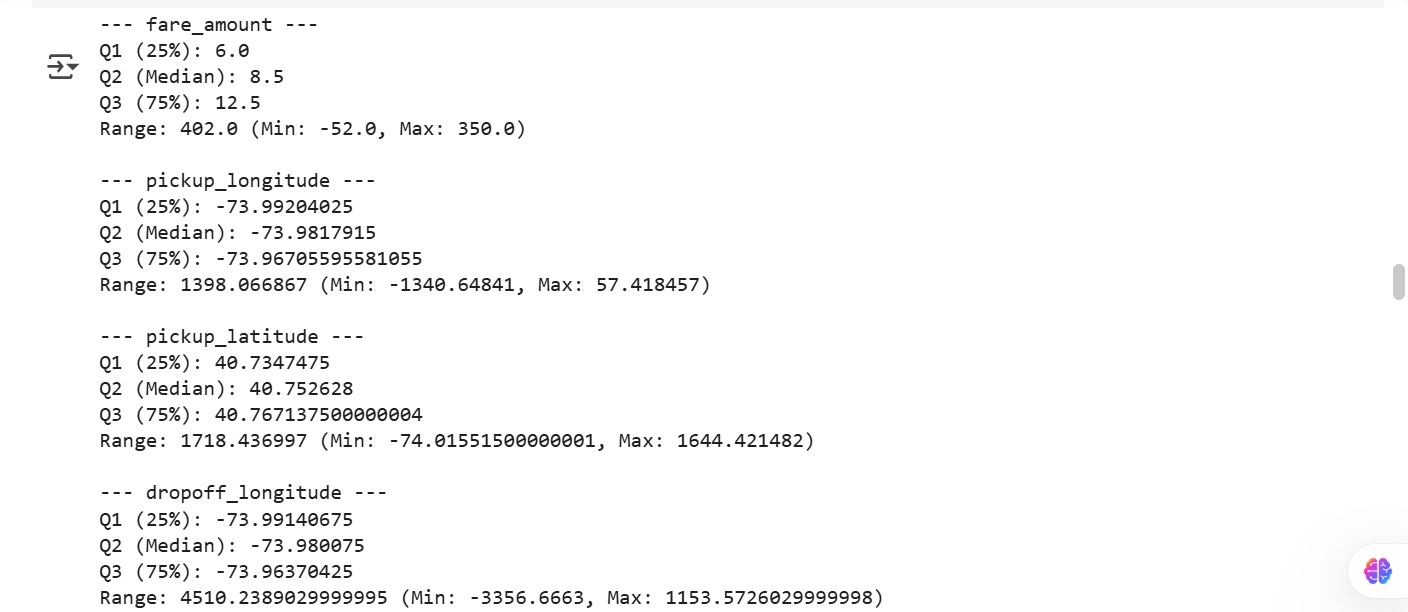
▪ Mean, median, mode, standard deviation

▪ Quartiles and data ranges

▪ Outlier identification

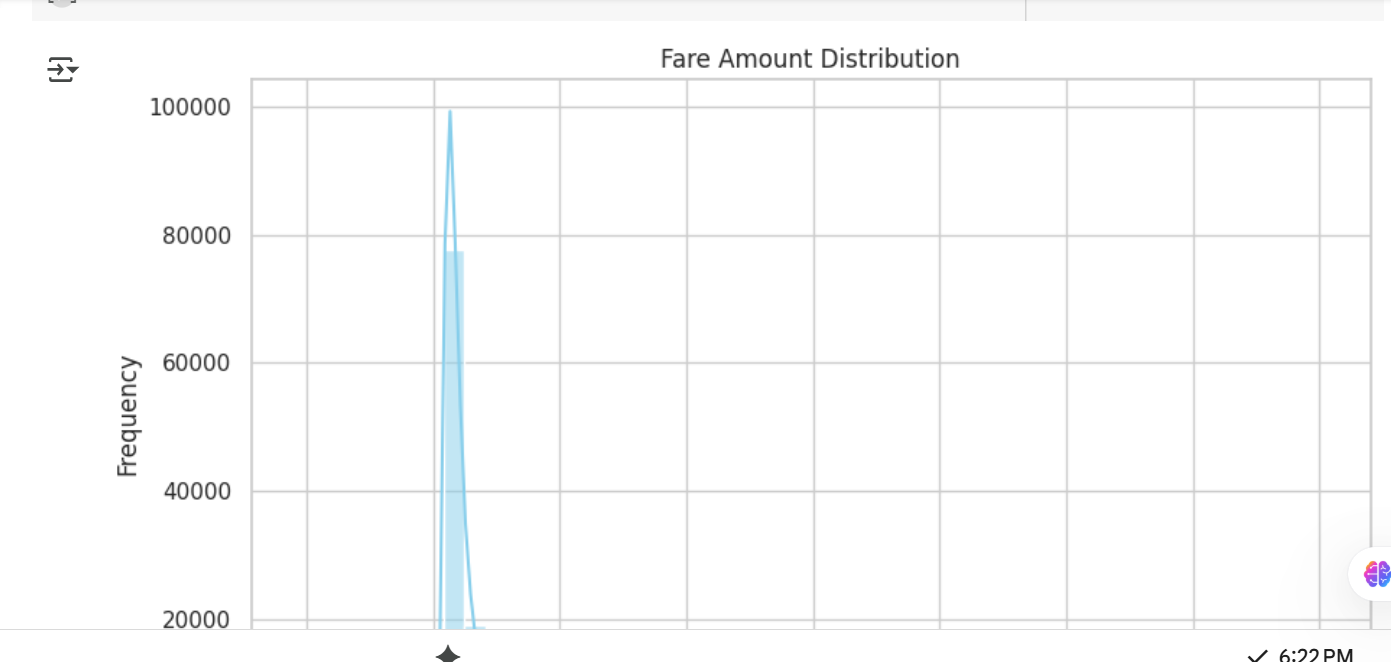


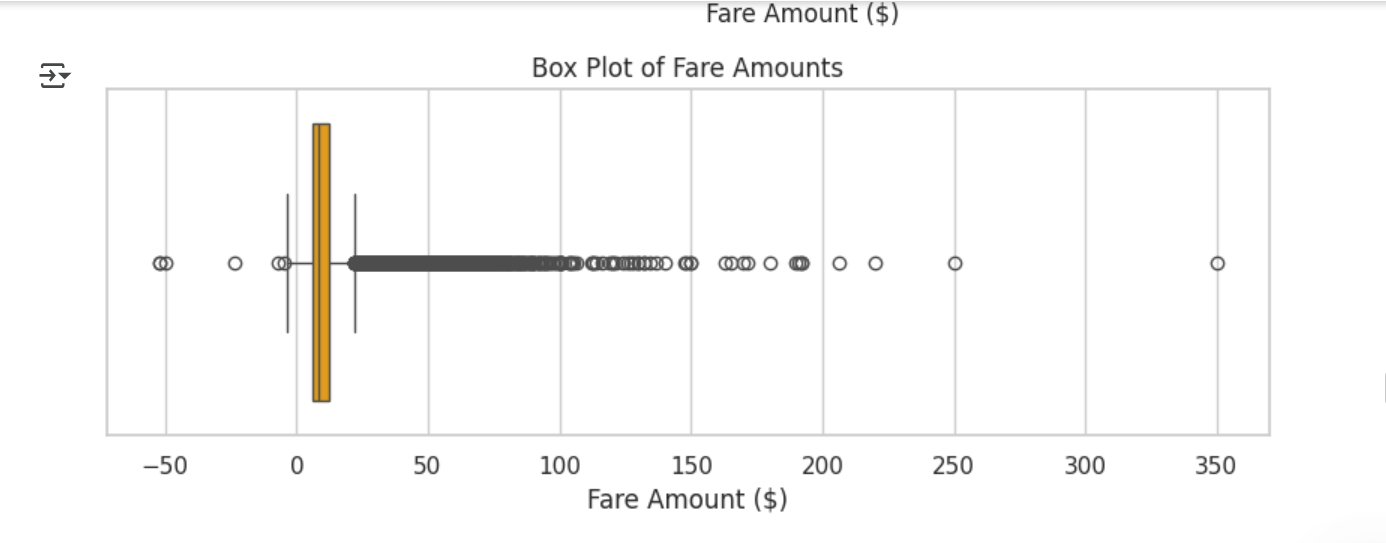




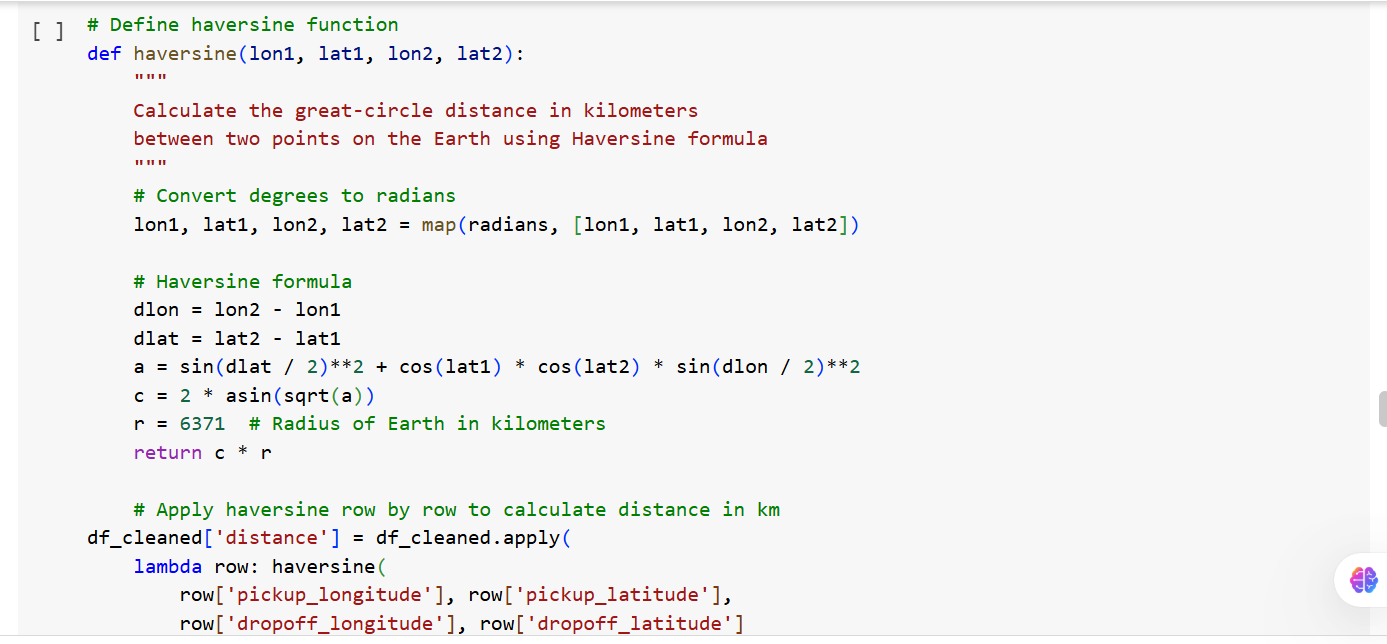
Create visualizations showing fare distribution patterns

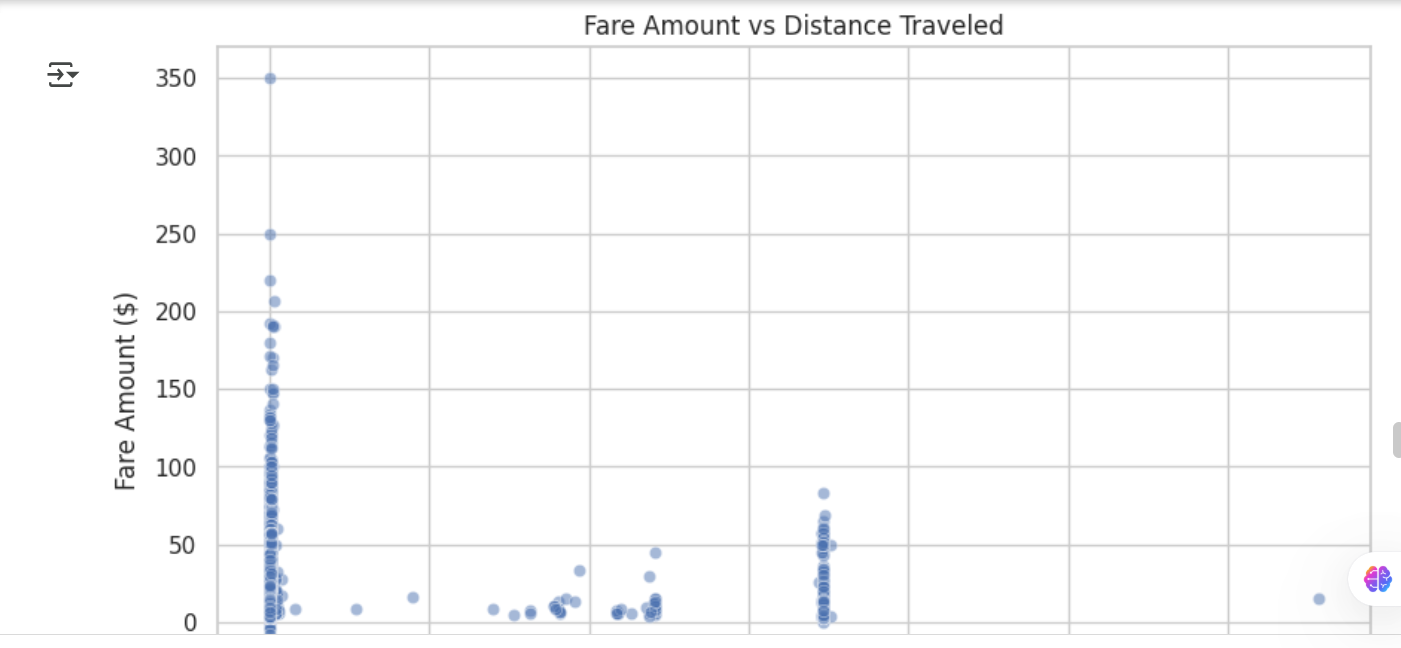




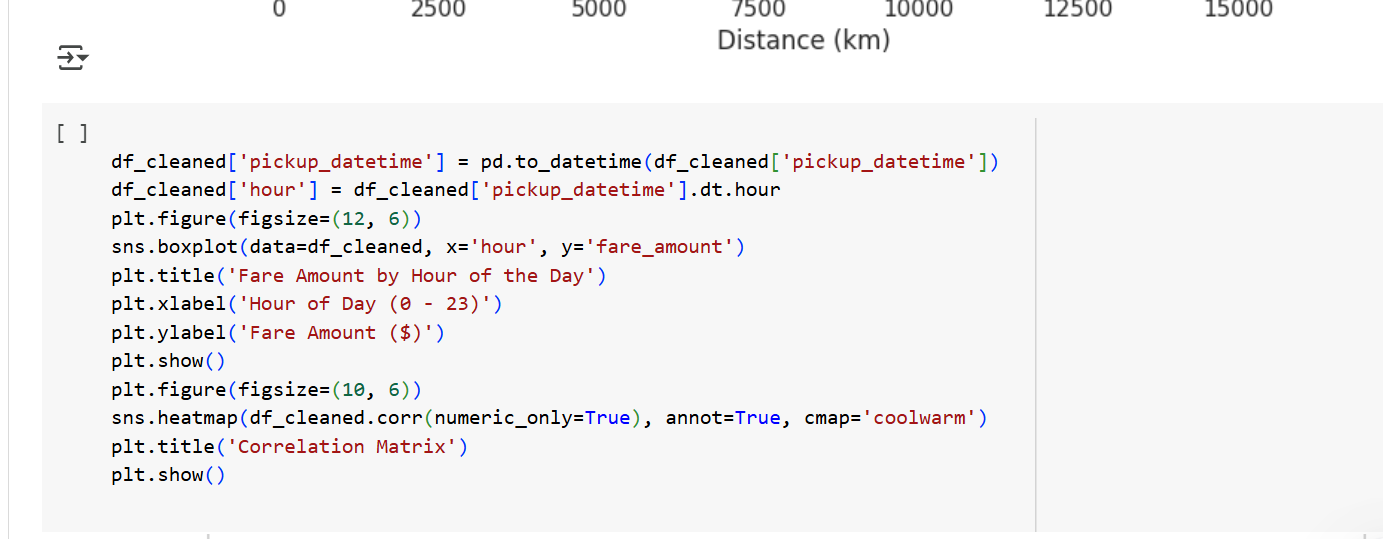


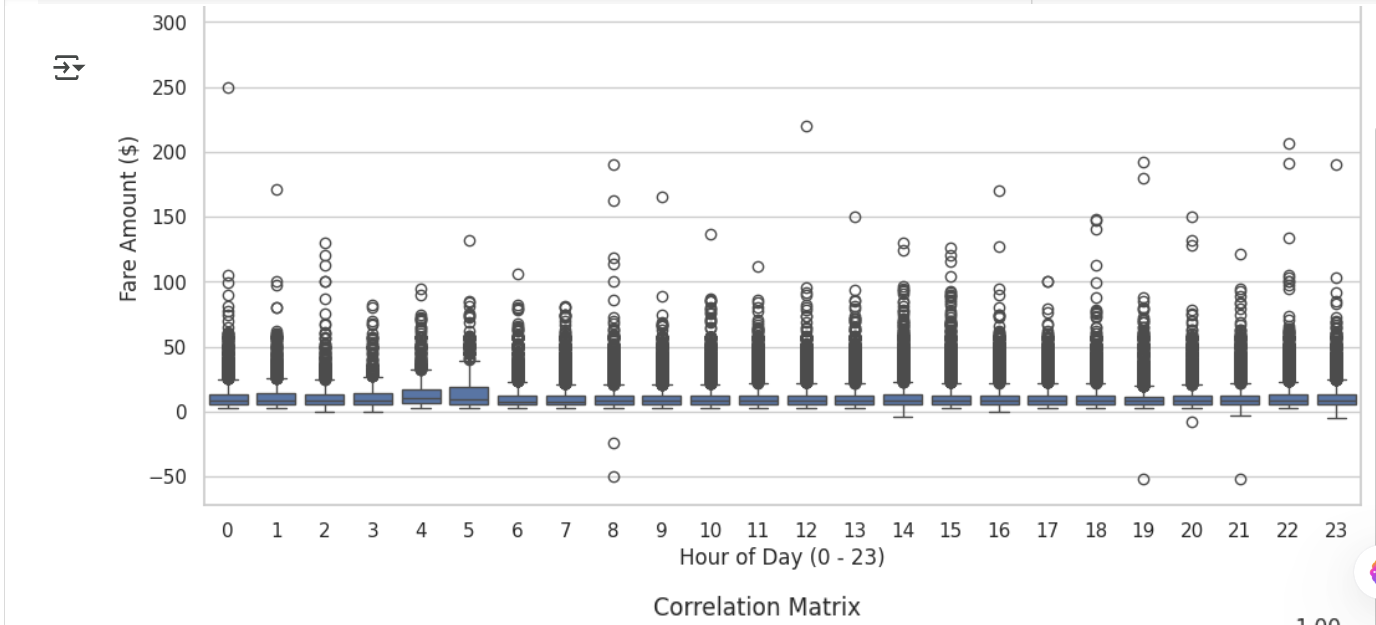
▪ Fare amount vs. distance traveled

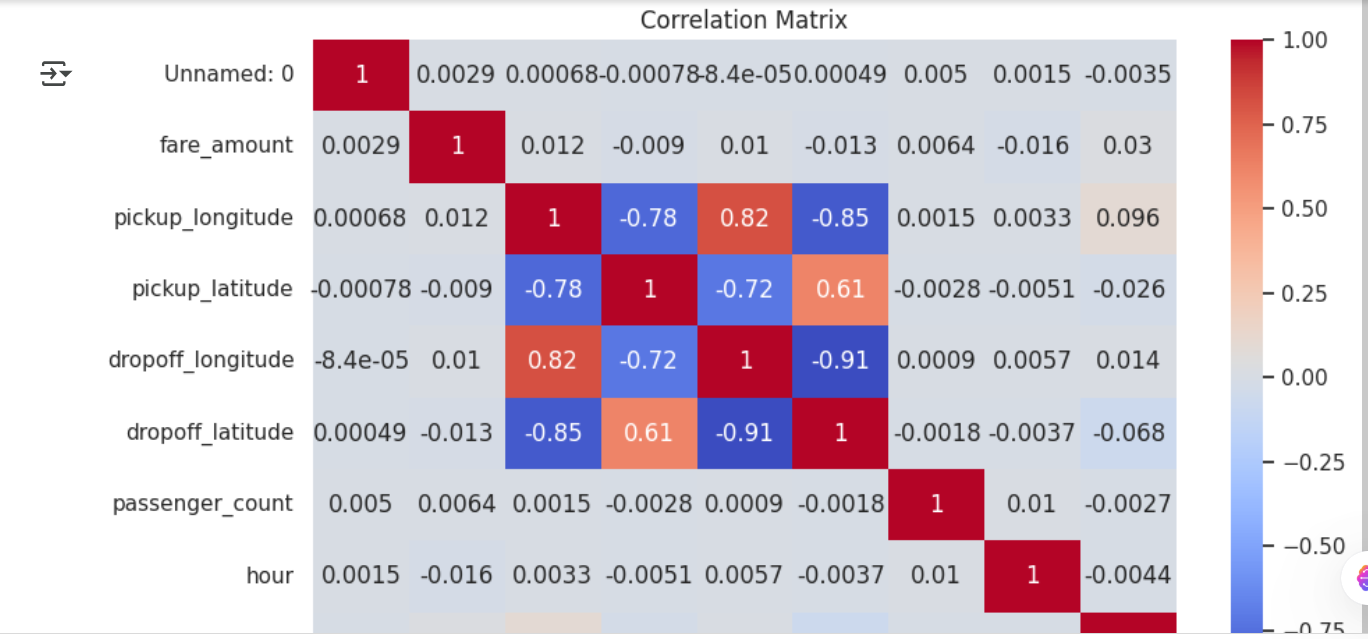




▪ Fare amount vs. time of day

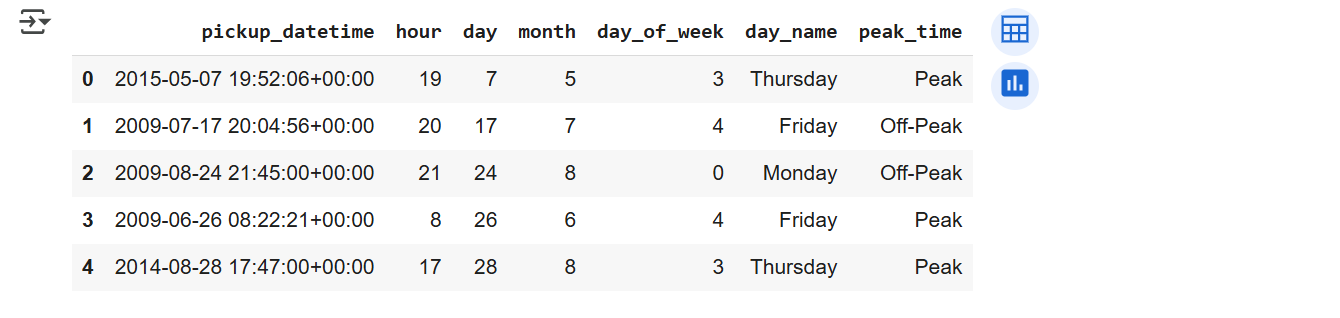




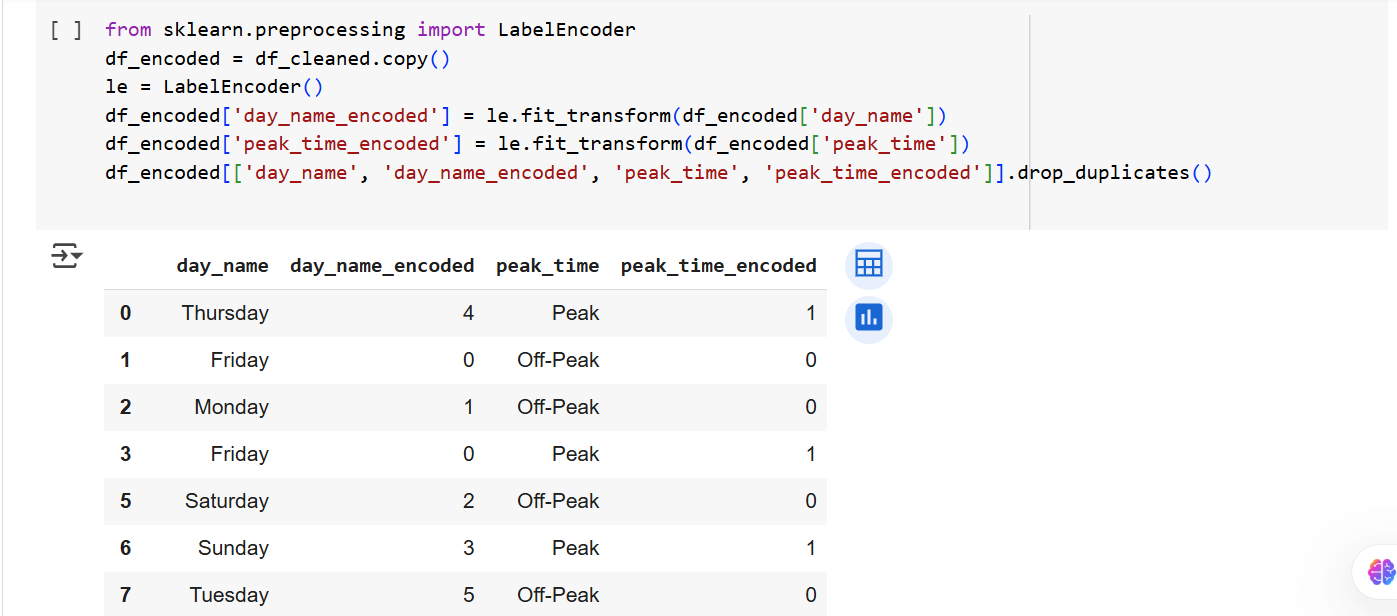


▪ Hour, day, month extracted from timestamps





▪ Day of week categorization



c. Save the enhanced dataset with new features for Power BI import

