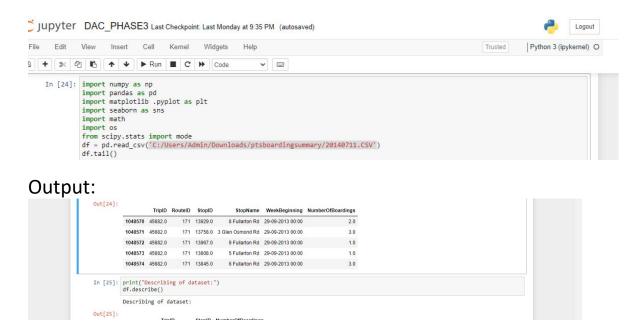
PUBLIC TRANSPORT EFFICIENCY ANALYSIS

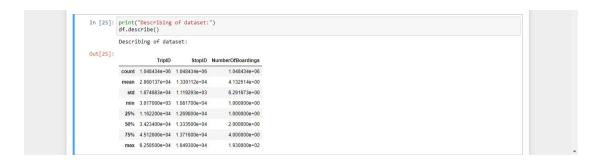
PHASE 3:

Building my project by loading and preprocessing the dataset. Start building the Public Transport Efficiency analysis and load public transport data from the source shared.

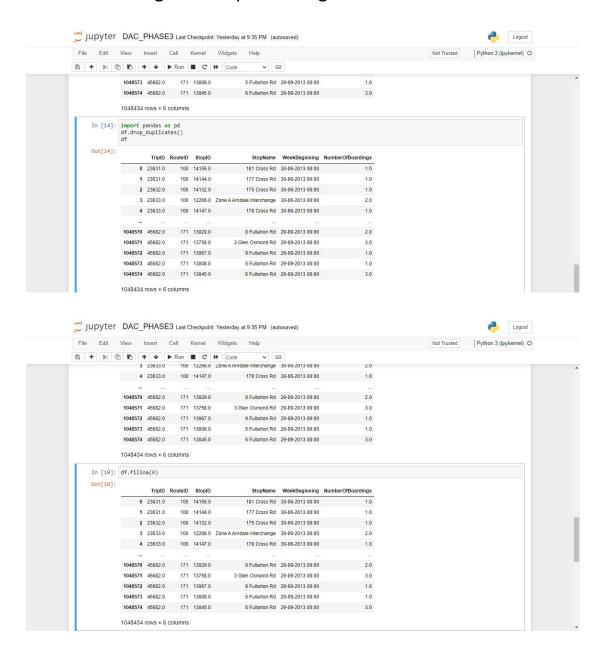
1. Importing the dataset:

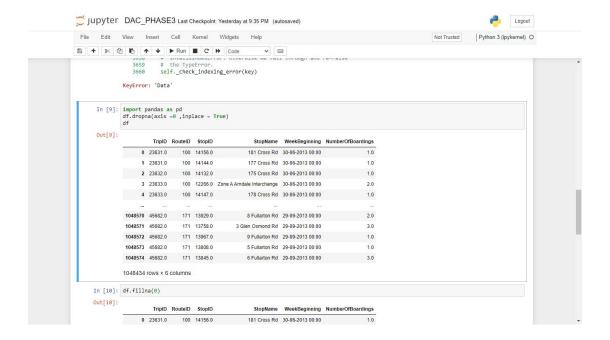


2. Describing the Dataset:

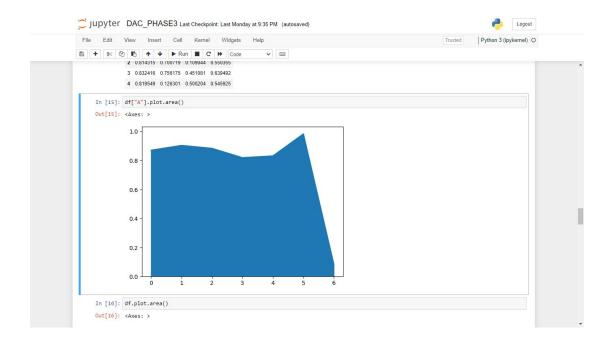


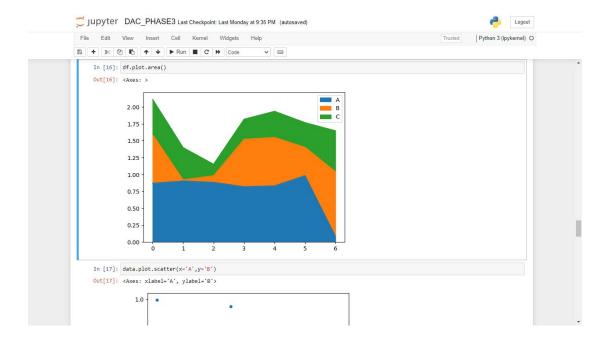
3. Data cleaning and Preprocessing of data:



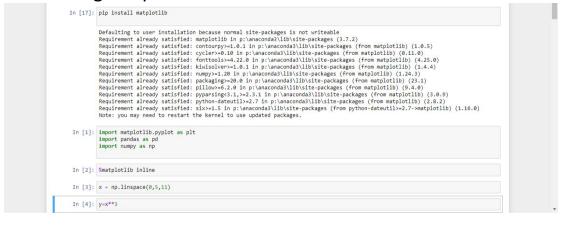


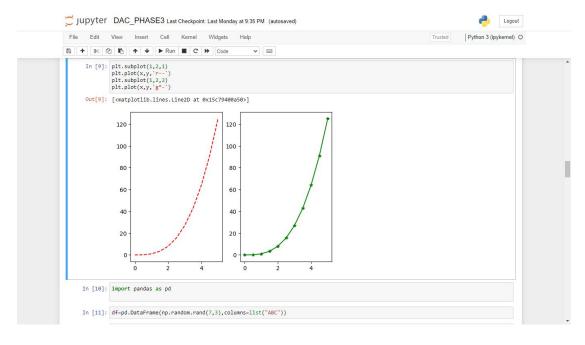
4. Ploting Areas:



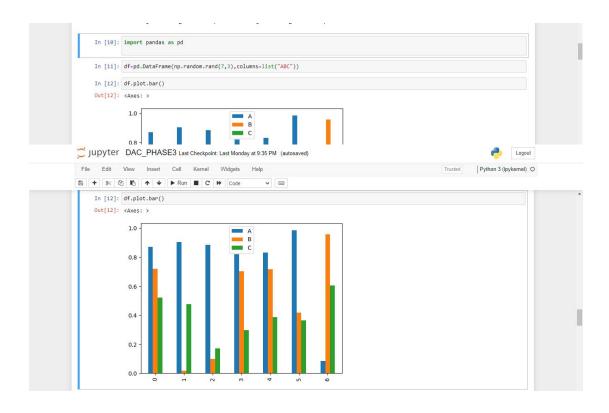


5. Installing matplotlib:

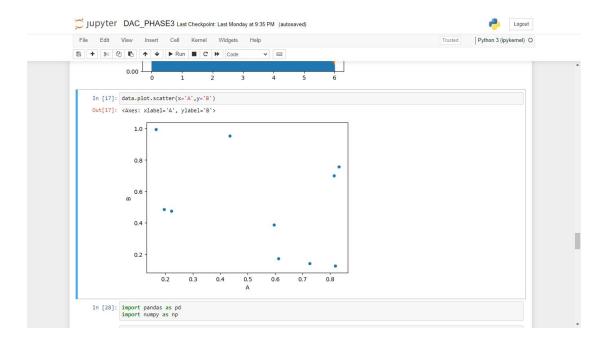




6. Barplot:



7. Scatterplot:



Conclusion:

A thorough public transport efficiency analysis encompasses data, infrastructure quality, ridership environmental sustainability, cost-efficiency, and user experience. Understanding ridership patterns, ensuring infrastructure is well-maintained and technologically advanced, reducing environmental impact, managing operational costs, and prioritizing passengers are all critical elements. A successful balance affordability, public transport system must sustainability, and convenience to promote sustainable urban development.