CS M148 Group Project Code: DoorDash Delivery Analysis

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Here includes all of the links for all of our code and analysis for the project. These are all also included in the GitHub repository, linked below, however for the purpose of viewing plots and graphs in colab easily, it is recommended to use these links. Thank you.

Github Link:
This is the link to our official github for the project. It contains all the datasets that were used throughout the code, the code from all of the notebooks below, and README that details our entire project as the requirements entail.
https://github.com/rtleong/CSM148_DoorDash_Project_Fall25

Notebook Links:
These are all of the links to our individual notebooks where we trained and tested all of the required models on our datasets. The main pre-processing and EDA was done in the second notebook link, but replicated in the link to the Random Forest notebook as well since that was our chosen methodology. The Random Forest notebook will contain all of the code that explains our results and thought processes behind the methodology, and should be treated as the “main report” colab. The rest of the links, which are the various different models, make up the code for the appendix, as it includes all of the other attempted models, shown below.

Random Forest (contains EDA/preprocessing code, is the “Main Report” colab)
https://colab.research.google.com/drive/138TJ7DFq-CMODlMAcYWtYvDYzBaNOs0t?usp=sharing

EDA/Preprocessing
https://colab.research.google.com/drive/1wqtYv1Hirft-2ZRpx3u--f6MVRVRW7fW?usp=sharing

Neural Networks
https://colab.research.google.com/drive/1BfZPujTi_siatuNrqS0I8wULY8qqckMU?usp=sharing

Logistic Regression
https://colab.research.google.com/drive/1NRxJyO0-I_4_hVKa7JR8Mo5oejCstYcW?authuser=1#scrollTo=89zl_sU_fVHF

Linear Regression
https://colab.research.google.com/drive/1n7jULLawbLxrqd6OtFwBZNk8VUR8pBoG?usp=sharing

PCA and Clustering
https://colab.research.google.com/drive/1EDFoYD1lnwkQyMnBImCsKKAyqr4YNPMA#scrollTo=XE3GIcrL-SgR