

# Instructions

Please follow the below instructions to run the code:

1. Please refer to the "README.md" file in the repository for the folder structure and dependencies.
2. Go to "Code" folder.
3. The file can be accessed by clicking on ms22749\_dissertation.ipynb file.
4. Google collab <https://colab.google/> or Jupiter notebook <https://jupyter.org/> or <https://code.visualstudio.com/> can be used to open the code.
5. Please run all the cells in sequential order.
6. Follow the Text cells for descriptions of the code cells and inferences. Inferences and comments are added wherever needed.
7. Execution of some code cells like hyper tuning using gridSearchCV, plots, training of Interactive Regression Model etc., may take longer execution time due to its complexity and the number of records in the dataset.