CIS*6020 Final Project Submission

Please follow these recommended steps to go through the Project:

1. Check the list of attached files below:
   1.1. IEEE Transactions Paper Format Report in PDF
   1.2. Google Colab Notebook in ".ipynb"
   1.3. Dataset in parquet format
   1.4. Output of Grid Search Parameters Performance in Excel File

2. Open the Project Report which is in PDF Format

3. Open the Python Notebook on Google Colab:
   3.1. Open Google Colab on your web browser (Chrome or Safari)
   3.2. Upload the ipynb notebook on Google Colab
   3.3. Upload the Dataset Parquet File on your Google Drive at the following specific path:"My Drive/"
   i.e. Directly into your Drive Folder

   IF YOU UPLOAD THE DATASET ON A DIFFERENT PATH, THE PATH NEEDS TO BE UPDATED IN THE NOTEBOOK AS WELL

   3.4. Run the whole Notebook on Google Colab by Selecting "Run All"

   Note: The overall notebook will take max. 10 mins to run.

4. Open the Output of the Grid Search that is stored in Excel File.