**Instructions on how to run the code**

We have submitted a python notebook that consists the code for new optimised best model after performing common exploratory data analysis. The name of the file is

* New\_Model.ipynb (Best Model)

**Opening the notebook in Google Colab**

* Extract the notebook from the ISEN613\_Project.zip file
* Go to <https://colab.research.google.com/>
* Click on File -> Open Notebook -> Go to the folder where you extracted the New\_Model.ipynb file -> Select the file and open it
* Run the code
* Please change the input file path (.csv file that has the data) and upload the file when asked while running the code.
* After uploading the file, run all the cells.

**Opening the python files on Windows**

We will need Anaconda Prompt to open Jupyter notebook. If you do not have Anaconda Prompt use the below link to download

(https://www.anaconda.com/products/individual)

After installing follow the below steps:-

1) Go to the Windows start menu and select [Anaconda Prompt]

2) At the Anaconda Prompt type: jupyter notebook

**Opening the python files on Mac**

Use this link to download and open Jupyter notebook on Mac (https://mas-dse.github.io/startup/anaconda-macosx-install/)

Once you start the Jupyter notebook, A web browser should open, and you should be able to see the Jupyter file browser.

Find the folder in which the .ipynb file is located and double click to open it

Run each block and follow the comments written in the code to reach the desired output