***Supporting Material consists of:***

1. Black Friday Exploratory Data Analysis Python Notebook
2. Black Friday Regression Python Notebook
3. Black Friday Exploratory Data Analysis HTML file
4. Black Friday Regression HTML file
5. Black Friday Dataset CSV file
6. Modified Dataset CSV file
7. ReadMe file

***Steps to perform to run these files :***

Step1: Open the python notebook using collaboratory on google collab sever. Upload the Black Friday Dataset on the drive along with the notebook.

Step2: Connect the runtime to the server to use Online RAM and GPU

Step3: Install all the libraries present in the notebook.

Step4: Mount the google drive with the notebook to use the dataset present on the drive locally.

Step5: Once the drive is mounted with the collab server using run command run all the lines of the code.

Step6: Execution of the code takes a considerable amount of time. There are two python notebooks, both the notebook requires the same steps to be implemented. Run Black Friday Exploratory Data Analysis to understand the data whereas to predict the purchase run Black Friday Regression notebook which uses different models on the same dataset to test the accuracy of the dataset.