**Price Prediction of used Cars using Deep Learning**

**Group 7**

**Please follow the instructions in order to run the Source code and to get a clear idea about the project:**

1. There is one folder called **Project code** in the zipped folder, which contains all the code files and csv files that we have used for this project.
2. So download all the files inside the Project code folder and save it in your working directory.
3. Before running the code please make sure that keras library is installed in your python environment and also all the necessary packages to run the code.
4. You can use the **data.csv** file (which is the original dataset) in order to run the code file **Data Exploration.ipynb .**
5. The output from the data exploration code will be then saved to a csv file called **final data.csv**. We will be then using this csv file for model building.
6. Now use final data.csv file for running the code file **Project.ipynb** which is the code for modelling with test size ratio of 0.2.
7. Then use the same csv file that is final data.csv file for running the code file **Code\_with\_test\_size=0.25.ipynb** which is the code for modelling with test size ratio of 0.25.
8. In order to run the code file **Automaxx.ipynb** (which is the code file for modelling with real time data i.e. Automaxx data ) you can use the csv file **Auto.csv** file.
9. Now you can go through the Project Report in order to understand the different models that we have used and also to get an idea about the results for those models.
10. We have also included a folder which contain all the HTML files named similar to that of the original code files, so that we will be able to easily go through the code files without installing any of the packages and running the code. We have included this folder just to have a quick view of the code if necessary.
11. We have also added the Presentation file and also the Project Report in the zipped folder and also a folder which contains the minutes of meeting files.

**Software required**: Microsoft Excel in order to view the csv files and also Anaconda Navigator or similar software with python 3 version. We also need Microsoft PowerPoint to open the presentation file.