**Dataset Submission for the Final project**

Jess George- 4349612

Devika Samji- 4348590

ADMN5016-W23-101-2609-K: Applied Artificial Intelligence and Machine Learning

Prof. Joseph Santarcangelo

**Jess George and Devika Samji** are doing the final project for the subject. We are introducing a dataset which provides the factors on which pricing of the cars depends. By using the dataset, we are trying to understand the significant variables which can be used to predict the price of the cars. So, the main variable to be analysed is the price of the cars by using the independent variables which can be either numeric or categorical such as fuel type, engine type, horsepower, citympg, etc.

Therefore, a suitable machine learning model for this type of data would be a regression model. One option could be a multiple linear regression model, which can take into account multiple input variables and their linear relationships with the target variable (price).

Alternatively, more complex models such as decision trees, random forests, or neural networks could also be considered, as we understand the data in more detail.

The dataset can be accessed by using the following Github link.

<https://github.com/JessPhil>