

# **FEASIBILITY STUDY**

**Name: Shaikh Mariya Mohd Iqbal**

**Prn No: 2020430035**

**Class: TY-BSc-Information Technology**

## **Title of the Project:**

Resale Valuation of Used Cars in India

## **Introduction:**

Any machine learning model's main objective is to provide the better prediction model to ease the human's life such they don't have to put much efforts on their own. The people that require machine learning model which can predict the best price prediction of the used cars and take the decision of grabbing the best deal among the large variety of used cars available in the market. Supervised Machine Learning model will used in the development of this project.

**The following feasibility study is the result of the study:**

## **Economic Feasibility:**

Generally, it is possible to complete this project within the budget approved by the upper management and stakeholders and the company can get a lot of benefits from this project as there is no existing system available in the market that can predict the resale valuation of used cars as well as there is no special software required to build this project. But in this project, there is no cost involved. I am doing this project as a part of my course.

## **Legal Feasibility:**

Legally this project met the requirements of cyber law and other regulatory compliances and the planned project will not violate any rules or regulations and it is lawful to proceed as I have conducted a comprehensive investigation of the project's legal problems from all angles.

### **Schedule Feasibility:**

If a project takes too long to finish before it is beneficial, it will fail. But this project can be completed within the timeframe provided and will be successful. The steps included in this project will be Ask, Prepare, Process, Analyze, Share and Act; and the timeframe identified is 6 months.

### **Technical Feasibility:**

The software is compatible with the current computer system. The hardware requirements are RAM Memory Minimum 4GB, Processor Minimum Intel Core i7 7th Generation and Hard disk Minimum 256 GB SSD; capacity system is sufficient to run this software. The operating system can be Windows or Linux. And the version of python 3.6 or above is required. Python is a free version software hence a higher end system is sufficient.

### **Operational Feasibility:**

The user of the system are the operators to use the system and use the results for themselves. We are able to create the operations that the client expects. The organization needs a software for the client that can predict the resale valuation of used cars and our system is capable of doing that, for this reason our system is operational and address the organization's needs through fixing problems.