

## Project Objectives

Team ID	PNT2022TMID47865
Project Name	CAR RESALE VALUE PREDICTION

### Project Objective:

The project aims to build a model that can predict and perform as a higher rate of car resale value based on the various attributes. The model would help in decreasing the risk activities and complexity involved in purchasing a valuable car through the prediction of many studies rather than the involvement of broker - dealers. It is used to forecast the proper valuation of used cars, allowing customers to sell the car remotely with perfect valuation and without human interaction in the process to avoid biased appraisal. Understanding the problem and establishing if it is a statistical technique or a predictor variable, as well as determining the prior data using various data pre-processing techniques Obviously, the employment of various algorithms is based on the data collection. Create web applications with the Flask framework to predict over car resale value.

**If we accomplish this project, we will obtain the following technical benefits:**

1. Knowledge of Machine Learning Algorithms
2. Knowledge of Python Language with Machine Learning
3. Able to understand the problem to classify if it is a regression or a classification kind of problem
4. Able to know how to pre-process/clean the data using different data pre-processing techniques
5. Applying different algorithms according to the dataset and based on visualization
6. Real-Time Analysis of Project
7. Building ease of User Interface (UI)
8. Navigation of ideas towards other projects (creativity)
9. Knowledge of building ML models
10. How to build web applications using the Flask framework