

Project Design Phase-I
Solution Architecture

Date	15.10.2022
Team ID	PNT2022TMID09895
Project Name	Car resale value prediction
Maximum Marks	4 Marks

Solution Architecture:

Price is the feature that we are predicting in this study. Before applying any models, taking a look at price data may give us some ideas.

By looking at Figure 1, it can be observed that most of the used cars are less than \$20,000. In addition, we see that there are still considerable number of cars that is over \$20k price. We can guess that all type of cars can be cheap or expensive. But, still excellent, like new, and good condition cars are the most popular cars in used car market (Figure 2). Salvage cars are following these three categories in popularity. Therefore, it is hard to make a strong estimate of a price of a car just by considering the type or condition of a car. But we can tell it certain condition cars are popular and higher chance to be sold.

Example - Solution Architecture Diagram:

