**Introduction**

The automobile industry in India, currently manufactures 26 million vehicles, out of which the passenger vehicle segment is a large proportion. The ever-increasing demand for the passenger vehicles has made people not only spend money in buying new vehicles but also in pre-owned passenger vehicles. In the pre-owned market, it is important for both the buyer and seller to estimate the selling price of a used vehicle in an efficient manner. This document proposes a literature review for creating a tool that can predict the selling price of a vehicle by using some of the statistical techniques. This proposal includes information about the dataset like the variables, type of these variables, number of observations, the questions that I would like to answer using the dataset, the main goal of the project and the type of statistical analysis that I would be performing on the dataset.

**Dataset**

The dataset that will be worked with is sourced from a popular website called Kaggle xxxxxx xxxxx xxxxxxxx xxxxxxxx xxxxx xxxxxxxxxxxx xxxxxxxxxx xxxxxx xxxxxx xxxxxxx xxxxxx xxxxx xxxxxxxx xxxxxxxx xxxxx xxxxxxxxxxxx xxxxxxxxxx xxxxxx xxxxxx xxxxxxx xxxxxx xxxxx xxxxxxxx xxxxxxxx xxxxx xxxxxxxxxxxx xxxxxxxxxx xxxxxx xxxxxx xxxxxxx xxxxxx xxxxx xxxxxxxx xxxxxxxx xxxxx xxxxxxxxxxxx xxxxxxxxxx xxxxxx xxxxxx xxxxxxx xxxxxx xxxxx xxxxxxxx xxxxxxxx xxxxx xxxxxxxxxxxx xxxxxxxxxx xxxxxx xxxxxx xxxxxxx xxxxxx xxxxx xxxxxxxx xxxxxxxx xxxxx xxxxxxxxxxxx xxxxxxxxxx xxxxxx xxxxxx xxxxxxx

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* Please describe your dataset.
* Provide your variables and determine what types of variables you will be using (continuous, categorical). Is there a response variable?
* Are there factors/predictor variables?
* Provide the total number of observations in your dataset.
* Try to have a least 50 observations, but no more than 1000. (suggested guidelines)
* In your proposal, identify some questions you will be able to answer through your analysis and why you are trying to answer them.
* What are your objectives?
* What type of statistical analysis do you plan on performing (ex. Two-sample t-test, Two-Factor ANOVA, Multiple Regression, etc.). This proposal should be one page.