**Team 8 (DataVerse)**

**Topic Title:** Car Price Prediction

**Topic Proposal:**

The main objective of this project is to estimate the used car prices based on several attributes which include numerical and categorical values using Exploratory Data Analysis (EDA) and statistical tests like Hypothesis Testing, Chi-Square Test, ANOVA Test, etc.

**SMART Questions:**

What are the factors affecting the prices of used cars?

1. Is there any impact of demographical data on the prices of the car?
2. Is the price of a car affected by its manufacturer and transmission type?
3. Do we have any relation between the odometer value and the resale price of the car?
4. Is the price of a car affected by its manufacturing year and brand?

**Source of the Dataset:**

This dataset is collected from Kaggle in order to explore the used cars market.

<https://www.kaggle.com/datasets/lepchenkov/usedcarscatalog?selectcars.csv=>

**Number of Observations**: 38,532 observations.

**Team GitHub Repository Link:**

Please find the GitHub Repository link below: <https://github.com/MANOJKUMAR1302/22FA_Dataverse_Team08>