**Stats For Business Analytics**

**Final Project Proposal**

**Team Members:**

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**Title:** Data Analysis of different cars from Dekho vehicle.

**Data Description:**

1. Name: Car name
2. Year
3. Selling price
4. Km driven: No of kilometers driven
5. Fuel Type: Type of the fuel (Petrol or Diesel)
6. Seller type: Type of seller (weather first owner or second owner)
7. Transmission: Type of transmission system manual or automatic
8. Seller Type weather individual or dealer

**Methodology:**

1. Preliminary Analysis (Hypothesis Testing)
2. Multiple Linear Regression: To select the best-selling car
3. Time series Forecast: To predict the best-selling car in future.

**How this is important to business?**

* It will help to know the car companies to exactly know what the future requirements of the car like type of fuel, transmission based on the no of selling cars.
* It helps to predict the no of cars or units to be manufactured in the coming years.
* Based on the customer interest to know or evaluate the pricing strategy accordingly.

**Predicted Outcomes:** To predict the best-selling car and which year the sales are high in number using multiple regression method.

Time series forecast to predict the selling price of the cars and forecast what transmission and the type of fuel in future people would choose.