Group 1 Phase 1

Title:

Dataset: Kraggle Dataset: Used Cars Market in Belarus

Detailed Description: During this project we will analyze the dataset to investigate what variable impact the selling price of a vehicle. We will also study the distribution of vehicles that are under sale to find possible trends and see if there are hidden insights that may be gleaned from such an analyzation.

Specification: The dataset was collected on December 2, 2019 from one of the most popular online catalogs in Belarus and contains entries parsed from used car ads .

At least 5 Questions:

- What is the distribution of manufacturers for each region and whether manufacturer has a significant impact on the asking price of a vehicle? (Pie graph)

- What is the most popular model by region and whether we can conclude that the popularity of a model has a direct impact on the price of a vehicle? (First 2 questions can be combined)

Bar Graph

- What is the average age of each vehicle manufacturer and whether manufacturer has an impact on the impact of production year on the selling price? Group by,Summarize, bar graph

- What is the average asking price for each region and what impact does a region have on price, does body\_type make a difference on the asking price for a region?

- What is the relationship between odometer and price and whether sellers are more likely to accept exchanges as the odometer value increases(Fill in with whether its exchangeable)? Scatter Plot

- What is the relationship between engine type and engine capacity and what is the impact of this on the selling price? Scatter Plot

- Manufacturer Origin Distribution (Pie graph)

- Distribution of Engine type for each region and by car type? Mosaic Plot

- Distribution of colors to body type. Bar Graph

- Which variable has the largest impact on the selling price of a vehicle what impacts could explain the outliers for this correlation?