**Project Summary**

**Team Members:** Dev Singh, Andrew Maximos, Ashvin, Holly Clark

**Objective:** Creating an interactive dashboard and snapshot of the sale of used cars in Ontario.

Project includes following analysis:

* Region wide analysis of number of cars available to sale across different cities in Ontario
* Price analysis of different type of cars (Sedan, SUV, Hatchback, etc.)
* Price analysis of the cars based on the year of make
* Breakdown of car sales based on the colour of cars
* Price depreciation with age and mileage of cars

**Data Set Link:**

* <https://www.Kjiji.ca/>

**Visualizations Links :**

* <https://observablehq.com/@d3/box-plot>
* <https://observablehq.com/@d3/histogram>
* <https://observablehq.com/@d3/horizontal-bar-chart>
* <https://observablehq.com/@d3/stacked-normalized-horizontal-bar>
* <https://observablehq.com/@d3/world-choropleth>
* Other relevant graphs: <https://observablehq.com/@d3/gallery>

**Final Design:**

* Scrape data from auto trader website
* Store data in a mongo DB
* Convert database into a JSON file
* Use JS, D3, Plotly and leaflet to create visualizations on HTML

**GitHub Link:** <https://github.com/NitrogenHamster/Project2.git>