**Cap-stone: Team4**

**Topic: US Cars Auction 2020**

1. Dataset: <https://www.kaggle.com/doaaalsenani/usa-cers-dataset?select=USA_cars_datasets.csv>
2. What you plan/hope to predict:
   * Car’s worth depending on the vehicle information, state. (“TrueCar.com”)
3. Screenshots for tableau inspiration
   * Chart on price, year, model

Graphical user interface

Description automatically generated

Chart

Description automatically generated with low confidence

Chart

Description automatically generated

Chart

Description automatically generated

A picture containing graphical user interface

Description automatically generatedGraphical user interface, application

Description automatically generated

1. Links to code/notebooks for ML inspiration
   * <https://www.kaggle.com/alfathterry/cars-price-prediction-automl>
   * <https://www.kaggle.com/aman10kr/us-car-sale>
   * <https://www.kaggle.com/adyajaiswal/usa-cars-data-analysis>
2. Break down of roles/responsibilities
   * Machine Learning/Flask: Justin Merryman
   * Tableau: Patricia Berry, Cade Culver, Karla Murphy
   * Web design: Cade Culver, Karla Murphy
   * Write Up: Patricia Berry
   * Power Point: Karla Murphy
   * Read me: All
3. Basic hypotheses, trends
   * Identify sales trends so we can predict the car pricing and future sales.
   * Sales trends by model, year, location and milage.
4. Design inspirations - color schemes, fonts, etc.
   * <https://coolors.co>
   * <https://bootswatch.com/slate/>
   * <https://bootswatch.com/lux/>