

04-July-2022

# Portfolio: Milestone 1

## List of Projects

### 1) Future of Ride Share : Impact on Data Science on Autonomous Vehicles.

[\[Link\]](#) The exciting field of Machine Learning presents many in academia, particularly, the field of Data Science with exciting opportunities to learn about the various fields in which these techniques are being employed. One of those exciting fields, is the field of Autonomous Vehicle (AV) technology.

### 2) Real Estate Price Prediction

[\[Link\]](#) Using R to develop a model to compute the Log error of the Zillow real estate price predictor

### 3) Texas County health Ranking Report

[\[Link\]](#) Using Histogram, Scatterplots, Hypothesis testing, Correlation and Linear Regression, explore data from Texas county-wise health statistics report.

### 4) Web Scraping weather Forecast

[\[Link\]](#) Use Python for scraping tables on the web to collect data from US government weather channel link and load them in Database table.

### 5) Disneyland Reviews – Data Mining

[\[Link\]](#) Perform sentiment analysis on Disneyland various locations, provide details on positive, negative and neutral reviews and help improvise any factors that may contribute to the overall revenue of the company.

### 6) Airline Safety Infographic

[\[Link\]](#) Develop an Infographic depicting the airline ABC's safety from the perspective of an airline customer.

### 7) Airline Safety Dashboard

[\[Link\]](#) Develop detailed Data Visualization dashboard using Tableau narrating Airline safety over other modes of transport

### 8) Marketing Campaign for Banking products

[\[Link\]](#) Evaluate the effectiveness of Marketing Campaign to promote certain banking products for potential and new customers using Machine Learning models.

## 9) Web Scraping on Flight Ticket price

[Link] I am planning on using Python smtp lib package to Analyze Airline website for tracking the flight ticket prices. → TBD for Project 2 in DSC680

## 10) DSC680 Project 3

TBD for Project 3