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DSC680, Weeks 1-4

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Portfolio: Milestone 1

List of projects

* **Shortage in sanitizer and toilet paper during pandemic**

This project was done as part of the first course. We used google search Trends to determine if the covid is in correlation with any searches and found out that searches related to the Sanitizer and Toilet paper have increased significantly.

* **Weather Prediction App**

This project uses request library to get weather data from OpenWeatherMap API based on the city or zip code that user enters at the prompt and displays it back to the user. We used Python programming for developing this.

* **Cash Register in a store**

We used Python programming to work on this project. This project allows us to replicate a simple cash Registry store using Python classes and functions.

* **Price prediction for used cars**

for the project, I chose the price prediction of used cars based on the different attributes of a car. We used Regression to help us in estimating the value of the car there by helping the sellers to pay a fair price and to estimate if it is a good buy or not.

* **Web scraping and SQL with Nutrition data**

As part of this project, I got Nutrition information from 3 different sources such as excel, api and Wikipedia. Later I joined these sources to forma single data set and plotted various graphs.

* **Diabetes prediction**

As part of this project, we created a logistic regression model. Diabetes is on the rise in the modern world and there are several reasons for it. Using our model, we analyzed different attributes of persons to predict if a person has diabetes or not.

* **Airline Safety**

As part of this project, we have created several visualizations, Dashboards, infographic and identified trends that support that airline travel is safer than cars.

* **Heart disease prediction**

As part of this project, we created a classification model. In the current day fast paced modern world, the no. of cases of heart attack are on a rise. There are several factors that contribute to it. Using our model, we analyzed different attributes of persons to predict if a person is prone to heart attack or not.

* **Placeholder**

Placeholder for project 2

* **Placeholder**

Placeholder for project 3