

BELLEVUE UNIVERSITY

DSC680 – Portfolio Milestone1

Here are the 10 items that I would like to include in my portfolio

Can Google Search predict Covid-19 infection spread?

This is a project I did part of DSC500. The scope of the project was to explore google search trends, to see if there is a way to predict the Covid-19 predictions. There are some significant correlations identified between search keywords and official (CDC and state) data showing the virus spread.

Correlating factors that lead to serious outcomes of Covid-19 infection

For this project, I have picked a specific problem statement related to covid infections. I wanted to identify if there is any relationship to serious infection outcomes as hospitalization/ICU admittance or Death, in relation to patient's age, race/ethnicity or underlying medical conditions.

If higher the price of the car does is it result in higher depreciation?

This is an EDA project part of DSC530, to evaluate if the cars priced higher depreciate faster in comparison to budget cars. The assumptions of higher priced luxury cars would depreciate lot higher than regular cars was found to be incorrect.

What are the comorbidity indicators for Covid-19?

Part of this project, I have identified 3 different sources of Covid data (CSV/Data Base and webpage), have collated the data and analyzed it to draw trends to identify co-morbidity factors for Covid-19

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Predicting a likelihood of Stroke based on individual risk factors

The main aim of my project is to predict the certainty of a person to have this deadly disease based on various parameters such as age, gender, healthy habits, etc. so that this disease can be predicted before it becomes critical and be treated with standard measures and no lives are lost.

Air Travel – How safe are US Skies?

This is a visualization project to explore how safe is air travel in general and US domestic travel more specifically. I would like to add the poster and presentation to showcase the visualization techniques

What is the Efficacy of Flu Vaccines?

Flu season takes its toll on the world every year. With so many people getting ill or even dying, effective vaccination is critical in the fight against it. This project will examine a database containing results from several flu studies. The first step is to analyze the data and understand the different variables and what they each represent. Examination of the data leads to several business questions, with models constructed to look for significant correlations in the data. The project seeks to see if there are predictive measures in which donors will have a high or low response to specific influenza vaccinations. It further searches for indicators of who will respond favorably to a vaccination.

DSC680 – Project 2 Place holder

DSC680 – Project 3 Place holder