ASP 460 2.0 Data Visualization

Marks: 20 Marks

In this assignment, you are going to work on a dataset from TidyTuesday project. TidyTuesday is a weekly social data project in R organized by the R for Data Science community. It is a great way of improving your Data wrangling and visualization techniques, sharing and learning from others.

TidyTuesday Data Repository

Every week since 2018, TidyTuesday moderators have provided a weekly challenge focused on the creation of data visualizations based around interesting, timely, or socially-important topics, such as those with data about the Women's World Cup, incarceration trends, and school diversity in the United States. The official TidyTuesday data repository is available at https://github.com/rfordatascience/tidytuesday (Scroll down on the page until you see DataSets) section. Select any dataset from this repository for your assignment.

Task

Data is just a collection of numbers until you turn it into a story. Here you are trying to deliver the story through data visualization. Analyze data and create a report to tell an engaging story for your data analysis.

Submission

Include suitable plots to uncover the stories, patterns in the data.

Interpret the plots.

Your report should be fully reproducible. Please submit .Rmd file, HTML output file and necessary documents to reproduce your dashboard.

Final presentation: 5min

Deadline: 25 August 2022