**Project Proposal: World Happiness Data Visualization**

**Objective**: The objective of this project is to create a compelling data visualization that tells a story about what factors contribute to happiness in different countries. I will be using the World Happiness dataset from Kaggle, which includes data on factors like GDP per capita, social support, healthy life expectancy, freedom to make life choices, generosity, and perceptions of corruption.

**Data Source**: The data for this project will be sourced from Kaggle’s World Happiness dataset. Here are the links to the datasets:

* [World Happiness Report 2017]
* [World Happiness Report 2016]
* [World Happiness Report 2015]

[World Happiness Report (kaggle.com)](https://www.kaggle.com/datasets/unsdsn/world-happiness)

**Technologies**: The project will use a combination of Python (Flask), HTML/CSS, JavaScript, and SQLite. We will also use data visualization libraries like Leaflet or Plotly.

**Views**: The final visualization will include at least three views. For example, one view could show the overall happiness score for each country, another view could show how each factor contributes to the happiness score in each country, and a third view could show how the happiness score in each country has changed over time.

Overall happiness score for each country:

* + Which are the top 5 happiest countries in the world in 2017?
  + Which are the 5 countries with the lowest happiness scores in 2017?

How each factor contributes to the happiness score in each country:

* + What is the impact of GDP per capita on the happiness score across different countries?
  + How does social support influence happiness scores across different countries?

How the happiness score in each country has changed over time:

* + How has the happiness score of a specific country (e.g., United States) changed from 2015 to 2017?
  + Are there any countries where the happiness score has significantly increased or decreased over time?

**Outcome**: The outcome of this project will be a comprehensive data visualization that provides insights into what makes people happy in different countries. This could be a valuable tool for policymakers, researchers, and anyone interested in understanding more about happiness.