Team Anaconda

02/06/2021

Project 1 Proposal:

* **Outline the goals (scope) and purpose of your project**

*Our goal is to understand on a data-driven level the factors contributing to and correlating with World Happiness. We will examine the relationships between several metrics of individual countries or regions and their happiness scores or ranks to determine their influences and effects.*

* **Create a brief summary of your interests and intent:**
  + What kind of data would you like to work with, or what field are you interested in?

*We will utilize the World Happiness Report dataset at Kaggle.com to perform an analysis of different factors contributing to, detracting from or correlating with world happiness.*

* + **What kind of questions could you ask of that data?**

*We will be asking ourselves how a country’s economy, life expectancy, unemployment, weather, type of government, access to healthcare, family size and access to technology interact with that country or region’s happiness score.*

*We will be looking for factors showing the greatest or least amount influence on a country or region’s happiness score.*

*We will be evaluating correlations between the different data sets described above and the world happiness report.*

*Some questions we will be asking:*

1. *What factors play a role in the happiness score of a country?*
2. *What is the correlation between each factor and the happiness score?*
3. *What is the development of a country or region’s happiness over time?*
4. *What is different between the highest ranked countries and the lowest?*
5. *What differences can be found between regions of the world?*
   * **What sources might you find this data?**
     + [*https://www.kaggle.com/unsdsn/world-happiness*](https://www.kaggle.com/unsdsn/world-happiness)
     + *Other data sources as available to answer the above questions.*

Results: TODO each group member summarizes their findings and hypotheses

What did we find for each factor? How did we go about coming to our conclusions?

1. Healthcare Spending
   1. The more governments spend, the happier they are
      1. Explain outliers, process of coming to above hypothesis.
2. Unemployment
3. Government Type
4. Social Support
5. Weather
   1. Weather data is retrieved in real-time, differentiating it from the other factors, which are of a historical nature.