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Project 1 – Project Proposal

July 2024

<div align="center">

Did Covid Kill Happiness?

World Happiness Report 2018 – 2022

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By using visualizations, we will provide a thorough examination as to how happiness changed

2018 - 2022 during worldwide pandemic.

1) What is the level of happiness prior to 2020?

2) What is the level of happiness in 2020?

3) What is the level of happiness after 2020?

4) What is a country's happiness change over time?

5) Highest and lowest happiness levels over time by country?

6) Happiness Score vs Economy

7) Happiness Score vs Health (life expectancy)

8) Happiness Score vs Freedom

We will be using a dataset found on Kaggle named World Happiness Report up to 2022

authored by Mathurin Aché. It includes a diverse range of information needed to extrapolate the

necessary information to analyze whether the Covid-19 pandemic killed happiness.

Tasks:

- Use Pandas to clean data

- Create Jupyter notebook to describe the process during the cleaning and exploration

  process

- Create Jupyter notebook to illustrate the final data analysis

- Use this final data analysis to guide in what graphs to make using Matplotlib
  (minimum 2 visualizations per research question)

- Save PNG images of visualizations for class and instructional team

- Create an analysis report

    - Question headers
    - Short description of analysis
    - Relevant plots