

Project Proposal

What is our topic?

- Are there additional factors outside of what the World Happiness Report reviewed that are influencing a country's happiness ranking between 2015 and 2022?

Why we chose this topic?

- In the current global climate, we wanted to deep dive into the World Happiness Report to see what can help countries become happier and have a more positive and optimistic outlook on life and the future.

Who is our audience?

- For anyone who is looking to relocate to another country
- UNHRC (United Nations Human Rights Commission)

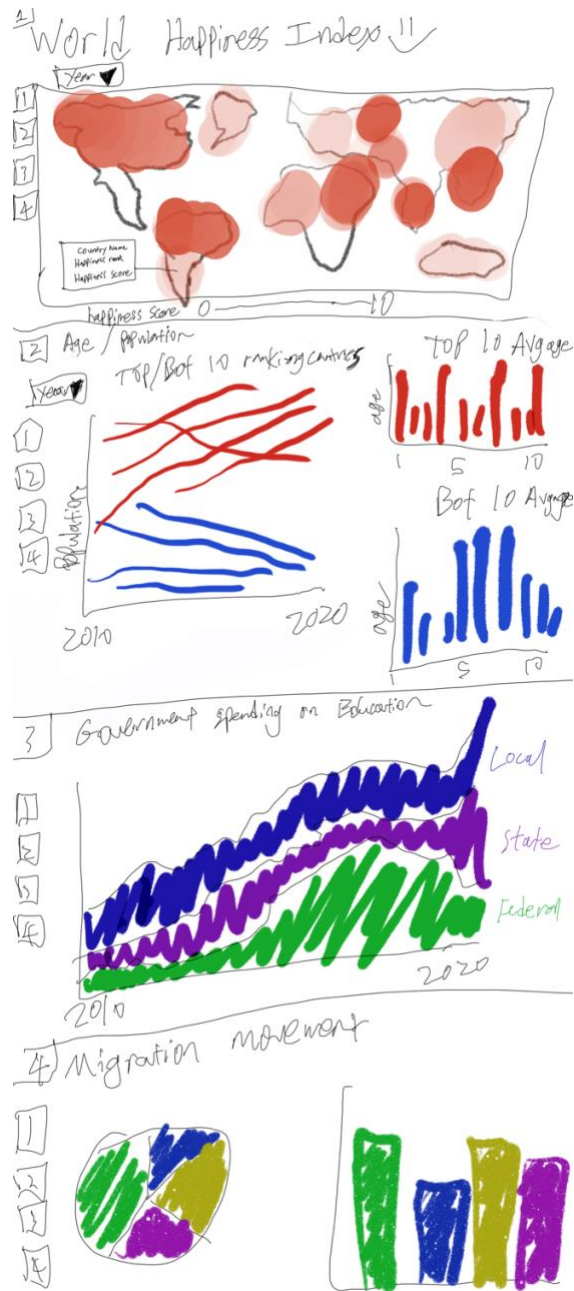
What datasets are we are using?

- World Happiness Report: <https://www.kaggle.com/datasets/shivkumarganesh/world-happiness-report-20152022> (World Happiness Reports combined across 2015-2022)
- Age of population: Population, 1950 to 2021 <https://ourworldindata.org/world-population-growth>
- Government spending on education: <https://ourworldindata.org/grapher/total-government-expenditure-on-education-gdp?time=1970..latest&country=KOR~CMR~BGD~GBR~AFG~ALB~DZA~ASM~AND~AGO~ATG~ARG~ARM~ABW>
- Migration movement: <https://www.un.org/development/desa/pd/content/international-migrant-stock>

What questions are we trying to answer?

- Is there a connection between the age distribution of the population and a country's happiness ranking?
- Is there a connection between the amount the government spends on education and a country's happiness ranking?
- Is there a connection between migration movement and a country's happiness ranking?

Napkin drawing



We intend to have 4 views on our dashboard on:

1. Heat map of World Happiness Index (WHI) score
2. Relation of WHI score vis-a-vis:
 - a. Population/Age
 - b. Government's spending on education
 - c. Migration movement

Rough breakdown of tasks

- Project Idea
- Data Cleaning
- Deciding on the theme for visualizations
- Data Analysis (for each research question)
- Make sure data ethics guidelines are followed
- Updating Readme
- Presentation