

US Prosperity

...

Major Factors in the United States, are they improving?

Inspiration



"If you had to choose one moment in history in which to be born, and you didn't know in advance whether you were going to be male or female, which country

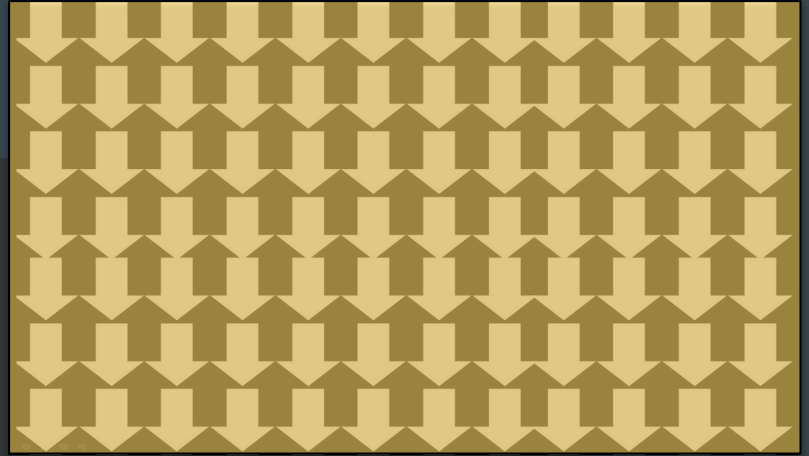
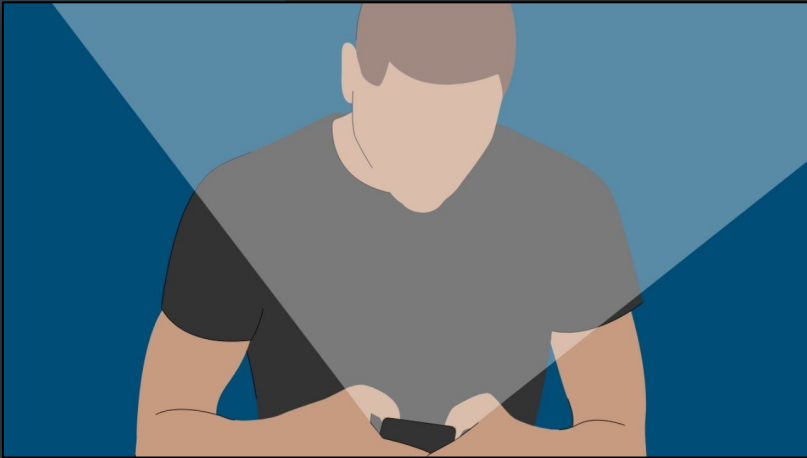
you were going to be from, what your status was, you'd choose right now... [the world has never been]

"healthier, or wealthier, or better educated, or in many ways more tolerant, or less violent, than it is today."

- **Barack Obama**

Goals

Combat effects of 'doom scrolling' and better understand the country's current level of growth by adding historical context.



Visualize the growth and decay of major world concerns to find insights about how these factors interact together over time.

The logo for 'Our World in Data' is a blue rectangle with the text 'Our World in Data' in white, and a yellow horizontal bar at the bottom.

Our World
in Data

Our World in Data



Organization for
Economic
Co-operation and
Development



Federal Bureau of
Investigation

Process

Data Collection

Process

Clean and Transform Data



Tool: Python

Packages: Pandas, Numpy, Matplotlib, Seaborn, Functools

Data Structures: DataFrames, Lists, Dictionaries

Abilities Exhibited: Data wrangling, Loops, Calculated fields, Concatenation, Heatmaps, Plots, Merging data, Integer location

Tool: Power BI

Order of Operations:

1. Import the cleaned data
2. Choose the best visuals
3. Analyze the data



Process

Create the Visualization

Obstacles

Weighting the factors for importance

Varying abilities of visualization tools

Formatting the Python DataFrame to be visualized properly in Power BI



[Link to Published Dashboard](#)