My GitHub username: nuunblues

A graph of different colored lines

Description automatically generated

<https://ourworldindata.org/tourism>

This is a photo and link of the original visualization I was trying to recreate. The data is about tourism around the world, I mainly picked it because it seemed quite interesting, and I felt I would be able to recreate it.

#images of it

Python: This one I feel was the best recreation out of all of them.

A screenshot of a graph

Description automatically generated

Spreadsheet: For excel I really struggled I couldn’t seem to get it to sort each country I think it’s because the way the data was imported all the countries are under the collum entity.

A screenshot of a graph

Description automatically generated

Flourish: This is the code for it embedded variation I count figure out how to change the color for each country.

<div class="flourish-embed flourish-chart" data-src="visualisation/15482965"><script src="https://public.flourish.studio/resources/embed.js"></script></div>

<https://public.flourish.studio/visualisation/15482965/>

A graph with blue lines and numbers

Description automatically generated

Reflection:

The tool that proved most user-friendly was Jupyter Notebooks, although it did require a bit more time than the others, but the results were the most satisfying. The second easiest tool to work with was Flourish, primarily due to my prior experience with it during my human-centered design class. It was also the quickest option for getting results since I could easily select the graph type and input the data. In terms of customization, Flourish excelled by allowing me to quickly change the graph type and adjust how I presented and analyzed the data. However, for more advanced customization, like modifying colors, it seemed that I would have needed to manipulate the data or how it's interpreted, as it tended to treat all countries as a single entity. Excel proved to be the most challenging tool, as I struggled to achieve the desired outcomes.

Part3:

I have requested Spotify, YouTube, and Google account information. I have gotten the google account information back not the others but the Spotify one did say it may take up to 30 days so we will see.