

Process Book for Data Processing Project

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Date of entry: 21/10/22

What I've worked on Have a general working set up for a choropleth map on plotly express.

What problems I encountered I found issues relating the geojson file and the variables dataset in px.choropleth.

What I learned I feel like now I would be able to create a choropleth map given a geojson file and a dataset with variables to show.

Which resources did I use I used plotly documentation, a youtube tutorial, a github page with a worldmap geojson file and a page to find a sample european population csv file.

Date of entry: 22/10/22

What I've worked on Move forwards from my sample choropleth to drug use map (different drugs consumption prevalences for the European Union).

What problems I encountered Finding one reputable source that included all the data I needed and did so in a tidy format. Many small choropleth problems.

What I learned I feel like I am more skillful in finding tidy data sets to work with and I learned some very useful functions to read tables and .xlsx from pandas

Which resources did I use I used dash documentation and the following website for the data.

Date of entry: 24/10/22

What I've worked on Move forwards from my basic choropleth map and using Dash make it interactive.

What problems I encountered Merging all drugs into a dataset that could be accessed by Dash with the interactive changes made by the user. Learning how to use Dash in JupyterNotebook. Many small choropleth problems.

What I learned I feel like now I would be able to create an interactive choropleth map given data and specifications.

Which resources did I use I used Dash documentation mainly as it is very comprehensive and almost like a step by step tutorial. Also made use of a YouTube tutorial.