

Generating Data

The purpose of this project is to extract data from csv and json files. I used csv files that contain information about weather forecasts in different parts of North America. Different rows were extracted from the files, for example. Row 1. Contained dates and row 2 contained temperatures etc. Information was extracted from specific rows and then were plotted onto a graph using the matplotlib.pyplot library using Python.

Information was also extracted from JSON files. Using the Path library from pathlib and plotly.express specific data was extracted from the JSON file and plotted into a map. The JSON files contained data about earthquakes that occurred around the world. The file contained data such as the earthquake magnitude, the coordinates, and other characteristics.

Programming Language: Python 3.9.12

Libraries: pathlib, plotly, datetime

IDE: VSCode

Credit goes to author Eric Matthes and his book "Python Crash Course".