HTML Code

The syntax used to retrieve data from an external data file, instead of a web API, is the same:

1. Be sure to import D3.js via a CDN in your HTML file.
2. Use d3.json()to read samples.json into your script.

d3.json("samples.json").then(function(data){

console.log("hello");

});

To open the website, open gitbash and type

python -m http.server

Navigate to the given port number in your browser: localhost:8000

Command to print the entire dataset

d3.json("samples.json").then(function(data){

console.log(data);

});

This code displays the data of each individual. [0] represents the position

d3.json("samples.json").then(function(data){

firstPerson = data.metadata[0];

Object.entries(firstPerson).forEach(([key, value]) =>

{console.log(key + ': ' + value);});

});

Link to CDN and Plotly

<script src="https://cdnjs.cloudflare.com/ajax/libs/d3/5.9.7/d3.min.js"></script>

<script src="https://cdn.plot.ly/plotly-latest.min.js"></script>

* The <select> tag indicates a dropdown menu. Its id is "selectOption".