HTML Code

1. FLASK
2. Connects the database with the drop down menu
3. For example: the data is pulled from the database, it will select only the data from the selection of the drop down menu
4. Example
5. const url = "https://api.spacexdata.com/v2/launchpads";
6. d3.json(url).then();
7. add a “?” to the URL with the number ID of the CryptoPunk /

Text

Description automatically generated

Text

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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".