// Use D3 fetch to read the JSON file

// The data from the JSON file is arbitrarily named importedData as the argument

d3.json("data/data.json").then((importedData) => {

// console.log(importedData);

var data = importedData;

// Sort the data array using the greekSearchResults value

data.sort(function(a, b) {

return parseFloat(b.greekSearchResults) - parseFloat(a.greekSearchResults);

});

// Slice the first 10 objects for plotting

data = data.slice(0, 10);

// Reverse the array due to Plotly's defaults

data = data.reverse();

// Trace1 for the Greek Data

var trace1 = {

x: data.map(row => row.greekSearchResults),

y: data.map(row => row.greekName),

text: data.map(row => row.greekName),

name: "Greek",

type: "bar",

orientation: "h"

};

// data

var chartData = [trace1];

// Apply the group bar mode to the layout

var layout = {

title: "Greek gods search results",

margin: {

l: 100,

r: 100,

t: 100,

b: 100

}

};

// Render the plot to the div tag with id "plot"

Plotly.newPlot("plot", chartData, layout);

});

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Greek gods</title>

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

</head>

<body>

<div id="plot"></div>

<script src="https://d3js.org/d3.v5.min.js"></script>

<script src="plots.js"></script>

</body>

</html>