

World Population

Mini Project - Data Visualization

Steps to run:

1. Install React.js
 - a. Install NodeJS (<https://nodejs.org/en/download/>)
 - i. NodeJS is needed since the Libraries Required for React are downloaded using node package manager (npm).
 - b. Install create-react-app Node Package (<https://reactjs.org/docs/getting-started.html>)
 - i. create-react-app node package helps to set up a React project.
 - ii. Install create-react-app node package globally using the following command in the terminal/command prompt:
"npm install -g create-react-app"
2. Run the command to install all the packages in the terminal:
 - a. *"npm install"* or if you have yarn: *"yarn install"*
3. Run the project on localhost by executing following command on terminal:
 - a. *"npm start dev"* or if you have yarn: *"yarn run dev"*

Basic Folder Structure:

1. package.json: This File has the list of node dependencies which are needed.
2. pages/index.js: This is the javascript file is the main file which controls all the other component/file in the project.
3. pages/chart.js: This javascript file contains the implementation of the data visualization done in the code.
4. pages/map.js: This javascript controls the map inherited from react-simple-map libraries.

Versions:

1. Operating System: Windows 10
2. React: 16.8
3. Javascript: ECMA 6+
4. NodeJs: v8.11.1
5. HTML : 5
6. CSS: 3
7. IDE (integrated development environment): Visual Studio 11.0