

Summary

You are a Full Stack developer working for a top Cloud and AI Analytics Company.

Your company is working with [Ville De Montreal](#) and [Bixi](#) on an innovative project and you are assigned the UI development.

Based on the open data available on [Bixi's website](#) your task is to develop a lightweight Web application to help the Bixi operator navigate to the next Bixi station during replenishment.

For this project, you must use the [Stations_2019.csv](#) Bixi data [located here](#)

Features

For the MVP version of the application, you are asked to write 2 components:

- A grid that displays the main information about the station: Code, Name, Latitude and Longitude
- A map that displays all the stations

Requirements

- A back end application will send all the data required by the front end (you get to choose your favorite frameworks for both sides)
- The front end must display the grid and the map
- The grid must be sortable on station code and station name by clicking on its corresponding column header
- The back end must handle the sorting capabilities instead of the front end
- Use git as source control for the project
- Deliver a working project that can be built and run by following a simple [README.md](#)
- Code must be clear and well organized
- Send back the project as a single file using [git archive](#) as [bixi-challenge.tar.gz](#)

Notes

- This is a simple exercise that does not require too much overthinking. It should take about 1 to 2 hours to complete.
- If you are spending more time than that, no problem, feel free to stop and submit the code regardless