

Covid-19 Dashboard Exercise [Bernardo Martelli]

1. Introduction

Since the outburst of Corona, back in January and February 2020, I had in mind the realization, together with a friend, of a dashboard showing some data referring to COVID 19. We made a simplified one, when COVID-API's were not yet available, using data from the World Health Organization. The information displayed was not updated automatically. Later many websites have appeared showing the number of deaths and the number of infections per country on a map, and API's are now available. So I want to make a simplified Dashboard to show the number of victims of COVID, divided per country. I do understand that the idea is not novel. Nor it is meant to be a tool to help the community. My only reason is exclusively to learn to work with React/Redux, to learn how to present data graphically and to learn how to fetch information from an API.

2. Expected List of Features

A map of countries with overlapping symbols showing, when hovered, how many casualties or infections there are per country. Alternatively, the user could select one of the symbols that reveals the numbers for that country. He/she should have a clear overview of the current updated situation.

3. Market Survey

Compared to these projects, mine will be more simple and compact.

- <https://coronavirus.jhu.edu/map.html>
- <https://covid19map.org/>
- <https://covid19.health/>
- <https://github.com/stevenliuyi/covid19>
- <https://the2019ncov.com/>
- <https://covidtracking.app/>
- <https://covid19map.io/>

4. References

- COVID-19 Dashboard by Johns Hopkins University [<https://coronavirus.jhu.edu/map.html>]
- Tool to track the spread of Coronavirus [<https://covidly.com/>]
- Popular Coronavirus tracking site [<https://ncov2019.live/>]
- COVID-19: WHO page [https://www.who.int/health-topics/coronavirus#tab=tab_1]
- Redux Crash Course with React [<https://www.youtube.com/watch?v=93p3LxR9xfM>]
- Free API data for Coronavirus [<https://covid19api.com/>]