covid-19-analysis

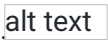## What does it do?

This repo is for analysis on the corona virus / covid-19 that will extract the latest data and generate reports. This repo will be **updated daily** - Creates a time series dataset - Creates a daily stats dataset - Generates a number of visualizations - You can also filter reports for a given country - Generates an excel report including all of the above - List all countries affected by covid-19 - All results are saved to the output `reports` folder

Trend Line

This is an accumulative sum trendline for all the confirmed cases, deaths and recoveries. alt text

Daily Trend Line

This is a daily sum trendline for all the confirmed cases, deaths and recoveries. alt text

Stacked Daily Confirmed Cases

This stacked bar chart shows a daily sum of people who are currently confirmed (*red*) and the number of people who have been been confirmed on that day (*blue*)
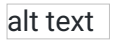
alt text

Daily Confirmed Cases

A count for new cases recorded on that given date, does not take past confirmations into account. alt text

Daily Deaths

A count for deaths due to the virus recorded on that given date, does not take past deaths into account. alt text

Daily Recoveries

A count for new recoveries recorded on that given date, does not take past recoveries into account. alt text

Currently Infected

A count for all the people who are currently infected for a given date (confirmed cases - (recoveries + deaths)) alt text

Data Source

- The data comes from the **Novel Coronavirus (COVID-19) Cases**, which is a live dataset provided by JHU CSSE.
- Data available here.