



## Covid-19 Modelling

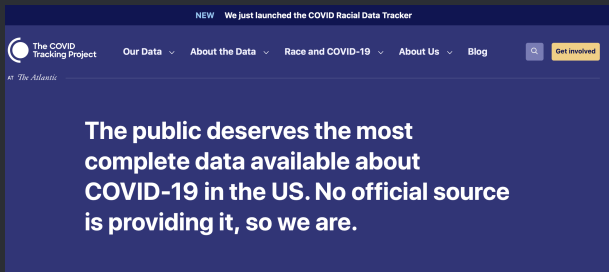
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**Analysis of Covid-19 Statistics in the U.S.**

Hongda Wang

# Data source

## Data API



The COVID Tracking Project

<https://covidtracking.com>

Provides API access and downloadable CSV data

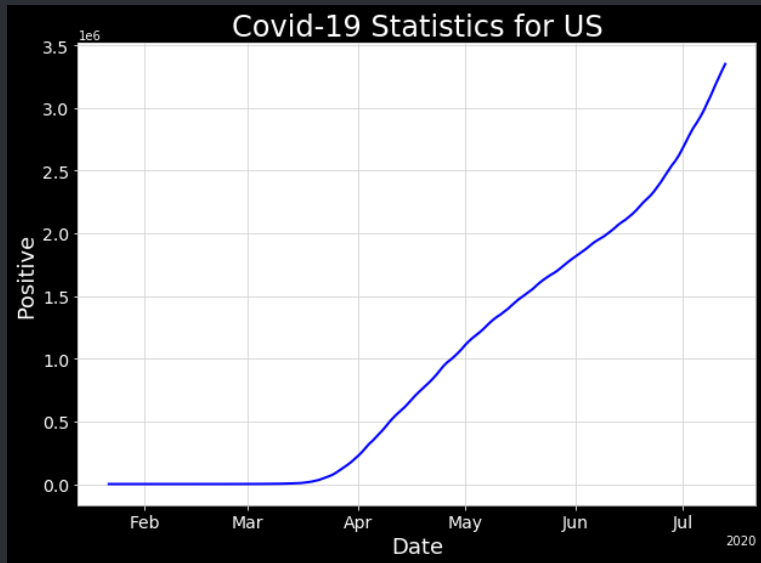
## Historical data in the U.S

<https://covidtracking.com/api/v1/us/daily.json>

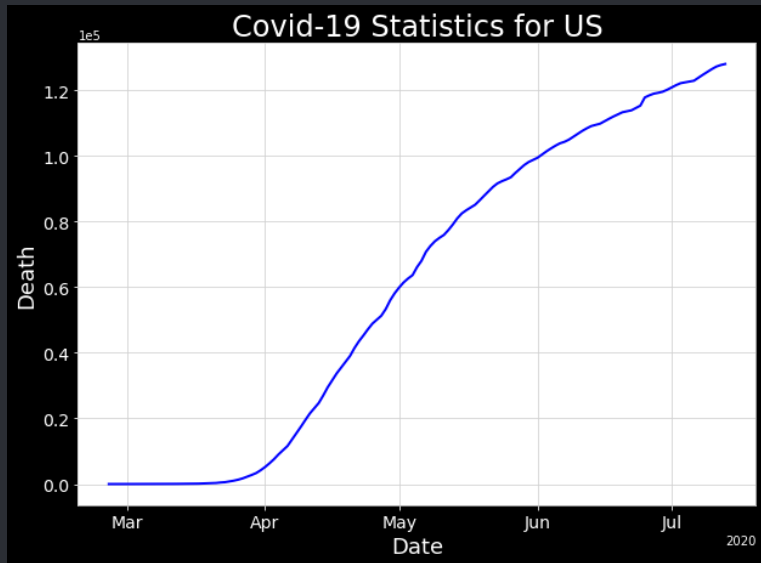
### Important fields in the dataset

- date
- death
- positive
- negative
- pending
- recovered
- hospitalizedCumulative
- hospitalizedCurrently
- inIcuCumulative
- inIcuCurrently
- onVentilatorCumulative
- onVentilatorCurrently

## Positive Covid-19 cases in the U.S



## Covid-19 deaths in the U.S



## Tests in different day of the week

*Do test ability or people's willingness to get tests depend on day of the week?*

