

COVID-19 in the US:

An interactive dashboard

“Advanced Programming”

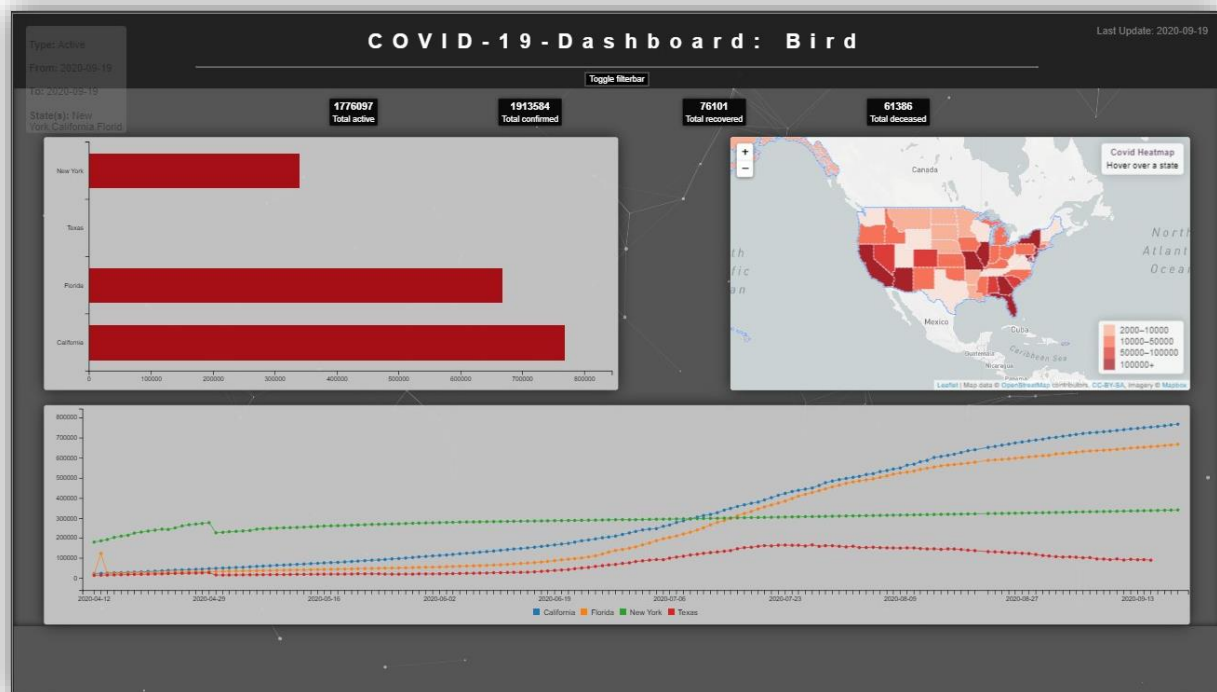
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Technical specifications:

- NodeJS server, hosted on Heroku
- MySQL Database, added as Heroku module “JawsDB”
- John Hopkins University data from GitHub
- Python Script for pulling current data into DB

Aim:

- See and interact with data concerning the spread of the COVID-19 disease
- Available at: <https://covid-19-bird.herokuapp.com/>



Three (3) main graphs:

- Bar chart (top left)
 - o Clicking on state: single line chart will be shown in line chart
- Heatmap (top right)
 - o Clicking on states: Add/Remove state from line chart graph
- Line chart (bottom)
 - o Clicking on a date: Set “To”-date and reduce the amount of data shown in the line chart
 - o Scrolling: Expand space between data points