

QUARANTEAM



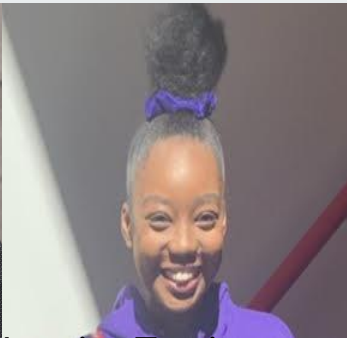
Goal: Develop a tool that uses predictive analytics to determine the impact of COVID-19 based off of current and past data points.

- Use Machine learning / Linear regression for making predictions based on the data sets.

And they stay there, and they
say "yeah," and they stay
there up, down, up, down,
up, down 'cause all I do is win,
win, win and if you goin' in,
put your hands in the air,
make 'em stay there



John Milton



Jasmine Trapier



Hector Santiago



Krystal Daye



Dr. Caldwell

QUARANTEAM (Cont'd)

- [New York Times Covid-19 Github Repo](#)
 - Country, State and County level data sets
- We will work with three main data points:
 - Cases
 - Deaths
 - Death Rate
- We will use the current and previous data points to try and predict what the impact of COVID-19 will look like for Fulton county, Georgia and or the United States.
 - The outcome of the use of this data will help the people of Georgia get a picture of what the trend for COVID-19 is in their areas.

1	date	state	fips	cases	deaths
258	2020-03-02	Georgia	13	2	0
273	2020-03-03	Georgia	13	2	0
289	2020-03-04	Georgia	13	2	0
307	2020-03-05	Georgia	13	2	0
328	2020-03-06	Georgia	13	3	0
357	2020-03-07	Georgia	13	7	0
391	2020-03-08	Georgia	13	11	0
426	2020-03-09	Georgia	13	17	0

QUARANTEAM (Cont'd)

- **Goals:**

- **Hector:**
 - Start building out our “Notebooks” using linear regression to predict COVID impact.
 - **Task(s):**
 - Jupyter notebooks or Google Colab
 - Do more research on Linear regression
- **Krystal:**
 - Continue building a Flask application and plan to build functions for the data and connect it to the website
 - **Task(s):**
 - Do more research on working with Flask
- **Jasmine:**
 - Continue to build out the front end of the project and create more web pages.
 - **Task(s):**
 - Research HTML best practices
- **John:**
 - Work on building out the connection through Google cloud so we can host our project
 - **Task(s):**
 - Do more research on Google cloud
 - Meet with Boyd & or other mentors to work on establishing a connection.

