Original Goal

➢ Develop a tool that uses predictive analytics to provide insights on the impact of Covid-19 in Fulton County, Georgia
➢ Incorporate linear regression into our tool
➢ Datasets:
  ○ New York Times Covid-19 GitHub Repo
What We Learned

➢ Learned how to work with Google Cloud & Google Colab
➢ Learned how to work with a cloudy cluster instance
➢ Learned how to create a python Flask application that works server side
➢ Learned how to use and develop a Linear Regression model
➢ Learned how to properly use “Pandas” in Jupyter Notebook
➢ Learned how to use GitHub properly
➢ Learned Python and expanded on our Python knowledge

QuaranTeam
Teamwork

- We all worked together to help each other with issues we were experiencing in our code, local environments and helped each other with committing, pushing and pulling from GitHub.
- We also worked with other teams at the Hackathon and shared our code to hopefully help them out with their projects.
- Worked with our mentor and other mentors to help us get over some road blocks we experienced.
Our linear regression model helps show a trend of COVID-19 cases, death and death rate in Fulton County, Georgia as well as the whole state of Georgia. The citizens of Georgia will be able to use our project to get COVID-19 information, locations for COVID-19 testing in Fulton County and they’ll be able to use our project to see some predictions on COVID-19. This project is impactful because it is a tool that people in Georgia and Fulton County can go to to see COVID-19 data visualized for their area or state.
Deliverables

➢ http://sc20-hack-9.appspot.com/

QuaranTeam
Deliverables Cont.

➢ https://colab.research.google.com/drive/1U4vdX2hIBfNe9804orRi0YGKJTadds47?usp=sharing
➢ Jupyter Notebook
Demo Time!