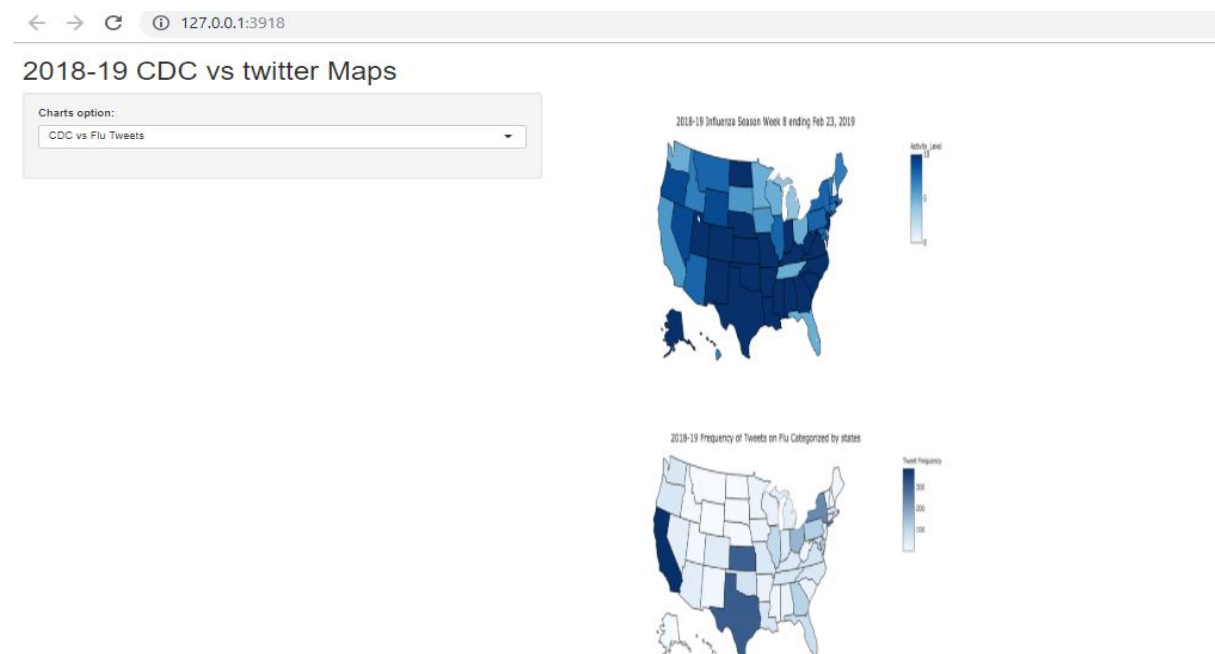Sai Ram Prasanth Tatiraju
Sandeep Kothapally

REPORT

- We collected the influenza data from the CDC website.
- Then, we plotted the heatmap for the flu data in order to produce a measure of influenza like illness activity by state in USA .
- Then we collected twitter data using the search query 'flu' & 'influenza'.
- We then plotted the heatmap using the collected twitter data.
- Then the results were deployed in the ShinyR app for comparison and analysis.
- The screenshots for the heatmap comparison on ShinyR are shown below.

Screenshots from Shiny R

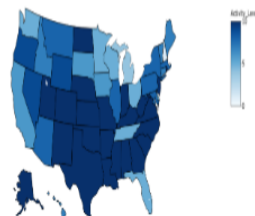## CDC vs Twitter Flu HeatMap

CDC vs Twitter Influenza Heat Map
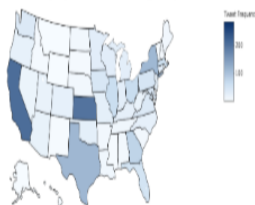
2018-19 CDC vs twitter Maps

Charts option:

CDC vs Influenza Tweets ▼

2018-19 Influenza Season Week 8 ending Feb 23, 2019

Activity_Level

2018-19 Frequency of Tweets on Influenza Categorized by states

Tweet Frequency

CDC vs Twitter Flu& Influenza Heat Map

2018-19 CDC vs twitter Maps

Charts option:

CDC vs Flu and Influenza Tweets ▼

2018-19 Influenza Season Week 8 ending Feb 23, 2019

Activity_Level

2018-19 Frequency of Tweets on Flu & Influenza Categorized by states

Tweet Frequency