

User Application for Hiring Season Investigation



A map of the United States with blue dots of varying sizes indicating the locations of The Code Girls members. The dots are distributed across various states, with notable concentrations in California, Arizona, Texas, and the Northeast. The map includes labels for all 50 states and the District of Columbia.

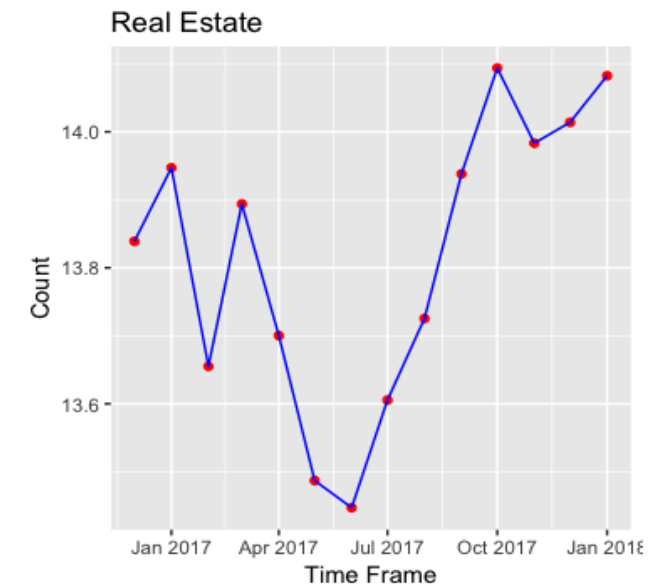
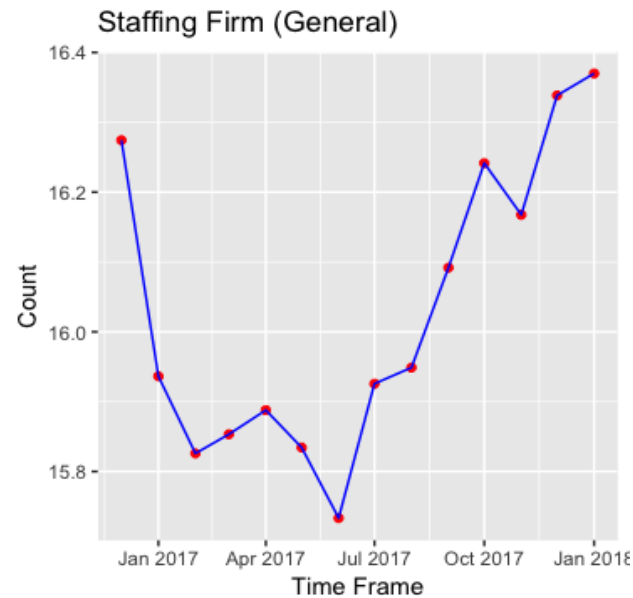
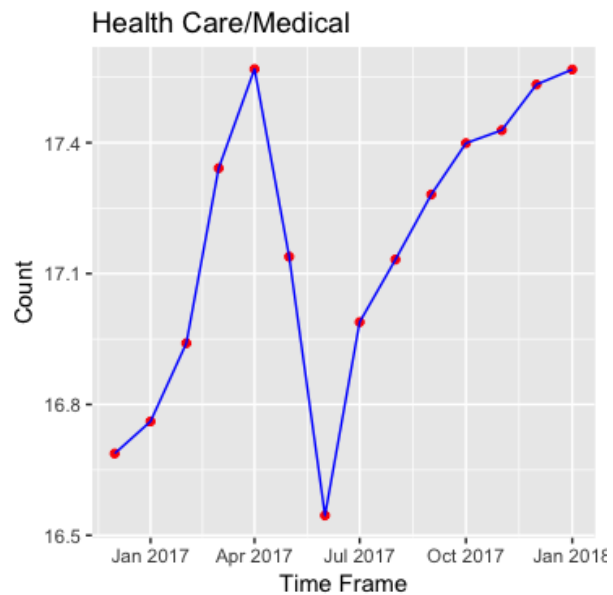
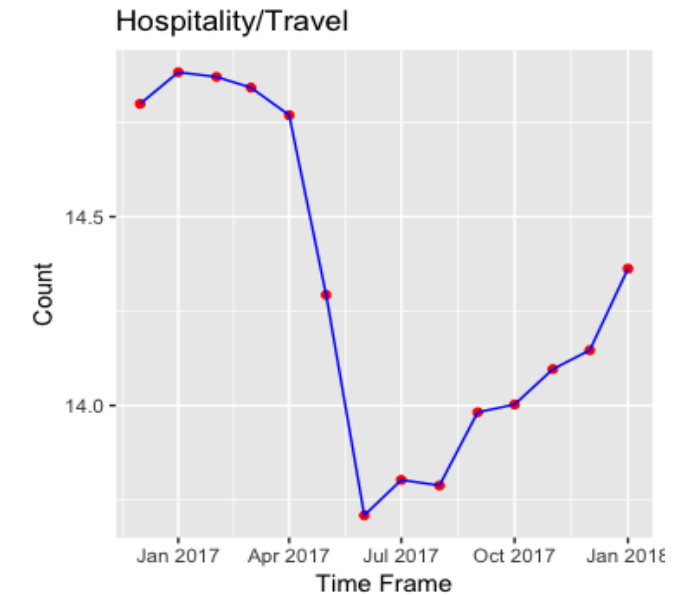
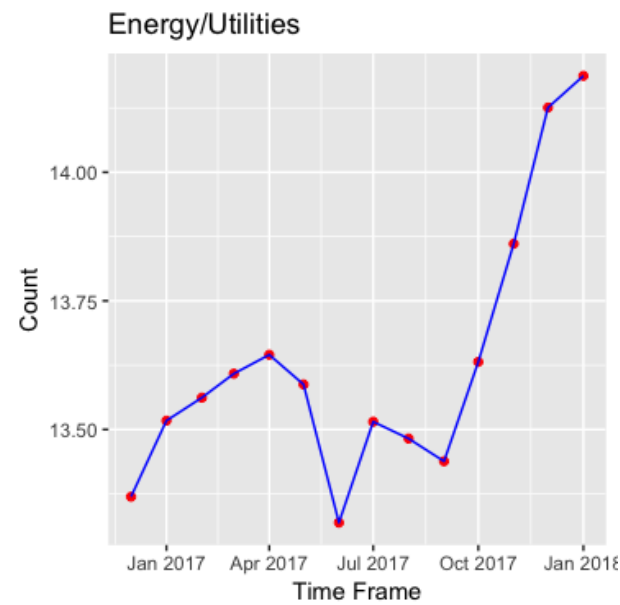
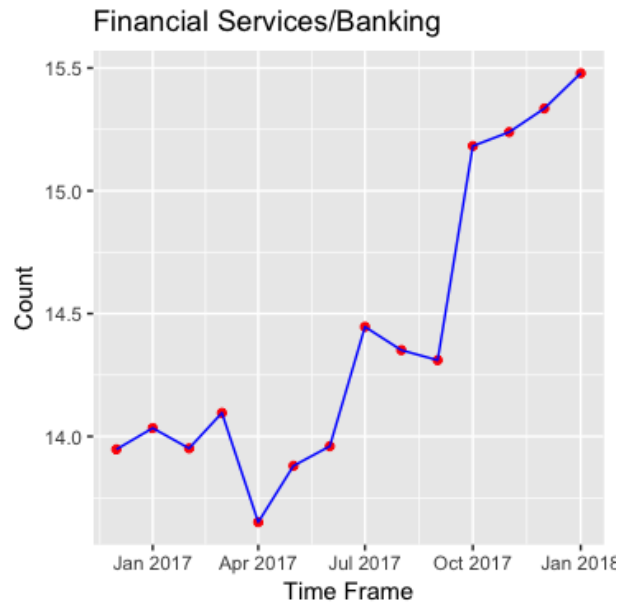
The Code Girls

- Rachel Bostick
- Sumatra Dhimoyee
- Amelia Johnson
- Anisa Kabir
- Raeesa Mehjabeen

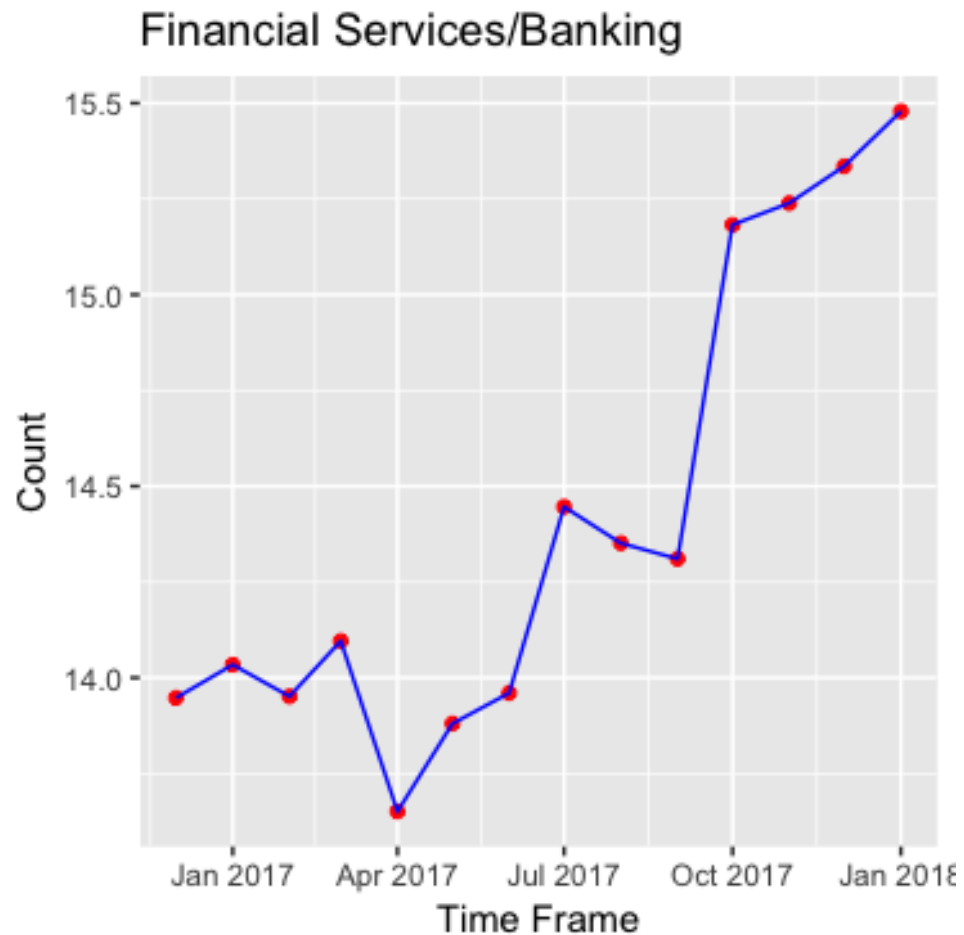
Rachel Bostick
Sumatra Dhimoyee
Amelia Johnson
Anisa Kabir
Raeesa Mehjabeen

Industries with overall positive job posting growth trend

$$y = \log \left(\sum_{i=1}^n employerJobCount \right)$$



The Financial and Banking Industry



- Percentage increase in Job Posting count and seasonal trend observed for highest clicked from

September 2017 – October 2017

139%

Confounding Variables

- Changes in Indeed usage per industry
- Industry growth or decline
- Overall economy unemployment decrease in 2017

Conclusion:

We believe our app can be applied to the Indeed website to provide a simple interface for users to track hiring seasons and hotspots for their industry of interest. For further development:

- Interactive maps
- Larger data would fine tune our time-series graphs
- Live data for time-series graphs