

## **Title Slide - Group 3 - Meng Chen, Yi Xiao, Adrian Vojvodic**



## **Summary**







## Conclusion & Postmortem



## Code Excerpts

%%bigquery Code





## CSV Read-In Loop Code



## Data Splitting Code



## Graphing Code



## Heatmap Code





## Figures

### Year vs Strikes



### Month vs. Strikes



Cloud to Ground  
Lightning Strikes  
Continental United States  
1987 to 2018

**Longitude vs Strikes**



Cloud to Ground  
Lightning Strikes  
Continental United States  
1987 to 2018

**Latitude vs Strikes**





### **Spring Lightning Strikes**



### **Summer Lightning Strikes**



Cloud to Ground  
Lightning Strikes  
Continental United States  
1987 to 2018

**Fall Lightning Strikes**



Cloud to Ground  
Lightning Strikes  
Continental United States  
1987 to 2018

**Winter Lightning Strikes**





## Statistical Test

### Boxplot 1992



## Boxplot 2017

