

JSM Data Expo - Game Plan

Some Details

Shiny App

- 3 main pieces, a US Map, general plots, and correlation analysis
 - US Map:
 - provide summary statistics for each city on click
 - can filter by month and by variable
 - the size of markers will be by H_i (happiness index)
 - H_i [source in PLOS One](#)
 - Visualizations:
 - **scatter plot** of historical values for selected variables over time
 - * add prediction lines for forecast's number of days prior
 - **histogram** of the mean of selected variable, with indicator for selected city
 - **histogram** of H_i , with indicator for selected city
 - Correlation:
 - find correlation between H_i and summary statistics of the selected variable, by city
-

Rough Ideas:


