

Homework #1

due Wednesday, August 29 (end of class)

Create an interactive visualization system to explore the Daily Maximum Temperatures using the data provided in Canvas. You are asked to create an interactive multiform visualization system in Tableau Public. For your reference, a working system developed in Tableau can be accessed at the following URL:

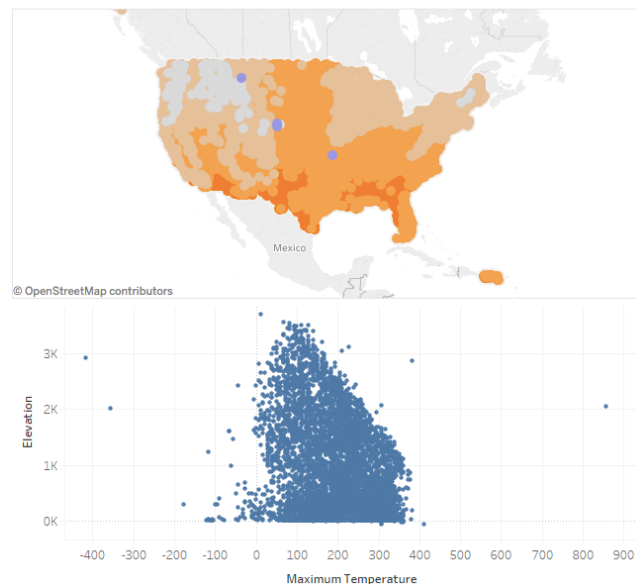
https://public.tableau.com/views/DailyMaximumTemperatures/Dashboard?:embed=y&:display_count=yes.

The visualization system (dashboard) should contain two views: (1) a map at the top that shows all the stations within contiguous US and uses a divergent colormap to encode the maximum temperature (which is filtered between -65 and 800), and (2) a scatterplot of maximum temperature vs elevation at the bottom.

Interaction and linked views: When the user selects a set of points in the scatterplot then the map will highlight the corresponding data.

What to submit: just the link to your Tableau visualization system.

Daily Maximum Temperatures



Daily Maximum Temperatures

