

Weather to Go There?

Summary

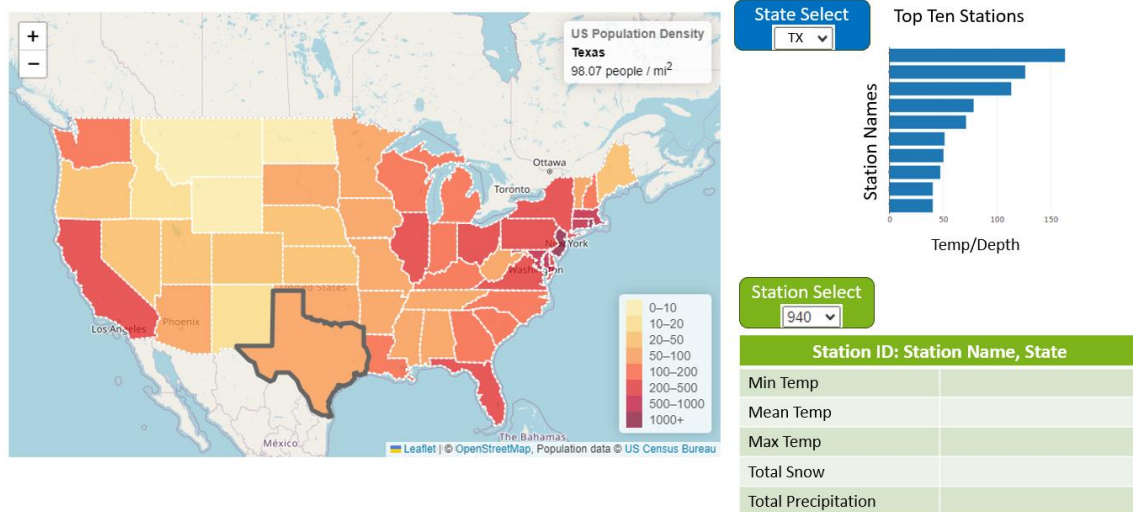
A dashboard page with multiple charts that update from the same data source focused on answering common questions about weather of an area: hottest, coldest, snow amount, rain amount.

Date Source:

NOAA Global Surface Summary of the Day (GSOD)

- Database with over 9000 weather stations' data
- Subset of GSOD#### table elements: Mean temperature (.1 F), Maximum temperature (.1 F), Minimum temperature (.1), Precipitation amount (.01 in), Snow depth (.1 in), year, month, day
- Subset of Station table elements: name, country, state, lat, lon

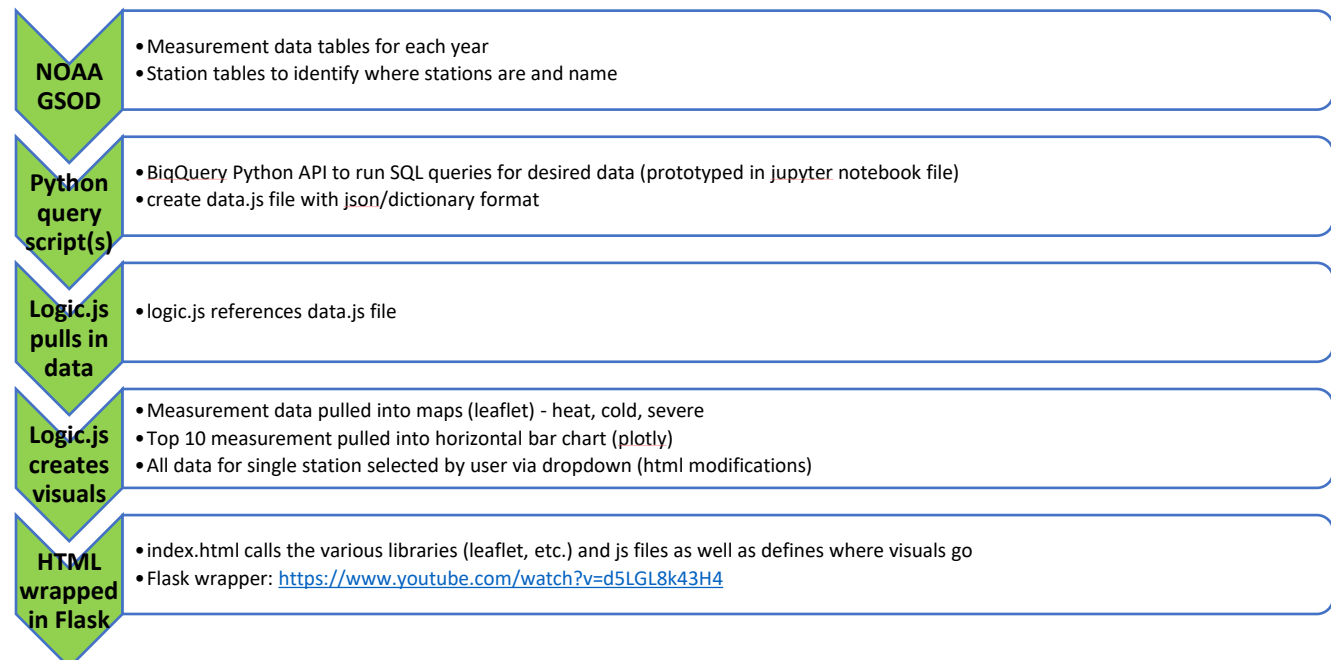
Visuals: Technology



Note: Map area (US vs. region vs. state) depends on performance of setup

1. Choropleth map of selected area (US vs. region vs. state): Leaflet
2. Horizontal bar chart with State drop down: Plotly
3. Station Details & Dropdown: HTML, JavaScript

Data Flow:



GitHub link: <https://github.com/TechMax14/Project-3.git>