1. Your visualization must include a Python Flask–powered API, HTML/CSS, JavaScript, and at

least one database (SQL, MongoDB, SQLite, etc.).

2. Your project should fall into one of the below four tracks:

○ A custom “creative” D3.js project (i.e., a nonstandard graph or chart)

○ A combination of web scraping and Leaflet or Plotly

○ A dashboard page with multiple charts that update from the same data

○ A “thick” server that performs multiple manipulations on data in a database prior to

visualization (**must be approved**)

3. Your project should include at least one JS library that we did not cover.

4. Your project must be powered by a data set with at least 100 records.

5. Your project must include some level of user-driven interaction (e.g., menus, dropdowns,

textboxes).

6. Your final visualization should ideally include at least three views.

**The Crime Reports**

The purpose to analyze the correlation of crimes relative to the surrounding environment. Our Hypothesis is that the highest crime levels of major

Cities:

* Austin

Data Source:

* Crime - Te
* Liquor Store
* Bars locations
* Gun Stores

Crime is higher in closer proximity of these locations