The Battle of Neighborhoods | Data Description
Data Description:¶

Data Link: https://www.britannica.com/topic/list-of-state-capitals-in-the-United-States-2119210

We will scrap the dataset from the above mentioned link using beautiful oup and pandas. The dataset consists of USA state and its Capital city.

Foursquare API Data:

We will need data about different venues in different Capital city of each state. In order to gain that information we will use "Foursquare" locational information. Foursquare is a location data provider with information about all manner of venues and events within an area of interest. Such information includes venue names, locations, menus and even photos. As such, the foursquare location platform will be used as the sole data source since all the stated required information can be obtained through the API.

After finding the list of Capital city along with their state, we then connect to the Foursquare API to gather information about venues inside each and every Capital city. For each Capital city, we have chosen the radius to be 500 meter.

The data retrieved from Foursquare contained information of venues within a specified distance of the longitude and latitude of the postcodes. The information obtained per venue as follows:
1. Capital city
2. Capital city Latitude
3. Capital city Longitude
5. Names of the venue e.g. the name of a store or restaurant
6. Venue Latitude
7. Venue Longitude
8. Venue Category