"TRIP IT" Team
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- Adi
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Technologies :
- Python
- Flask
- JavaScript
- D3
- Leaflet
- Plotly
- HTML – Bootstrap
- Mongo DB
- JS library not taught in class (TBD)

Primary Github - https://github.com/sacosi/trip-it

Inspiration-

Idea to implement this project is driven by various factors –
1. Due to the lockdown, planning trips are amongst the top things that a lot of people are doing and that's where we decided to create a one stop destination where prospective travelers could gather quick trip related information on some popular cities of US.
2. We want to utilize and cover as much of the technical content that we are taught and gain expertise in the same.
3. Creating something useful with easy user interaction interface and at the same time is visually attractive
4. Creating something and in the same time useful for anyone to plan a trip in the major cities.
5. Availability of legitimate data sources.

Data Resources -
Weather-
https://openweathermap.org/api

Accommodation –
http://insideairbnb.com
https://www.cheaphotels.org/press/cities19.html

Bike Stations-
gbfsapi

Tourist Attractions/Restaurants
https://maps.googleapis.com/maps/api/place/

Trains
https://data.world/city-of-ny/drex-xx56
http://geohub.lacity.org/datasets/metro-rail-lines-stops
http://maps-massgis.opendata.arcgis.com/datasets/a9e4d01cbfae407fbf5afe67c5382fde_0
https://opendata.dc.gov/datasets/metro-lines-regional

Trip IT - Where am I going next?

DC New York Boston LA

Weather ▼

City Comparison

Legend: ■ Temperature-Low ■ Temperature-High
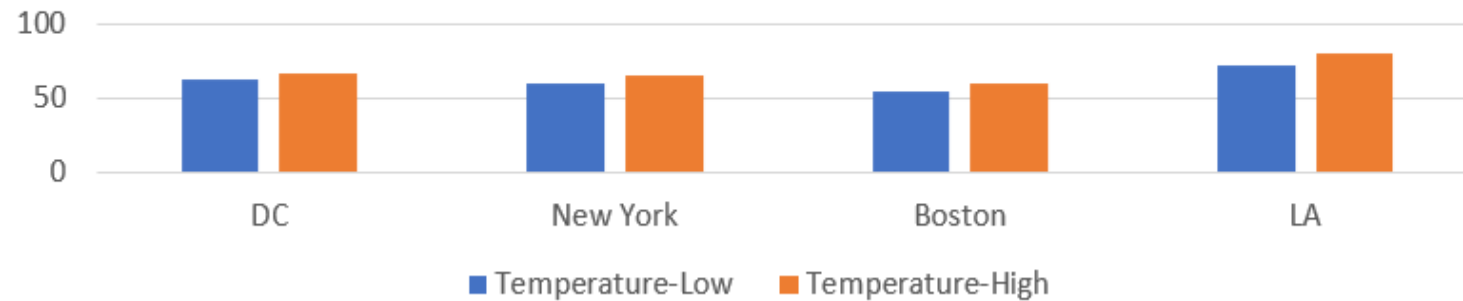
City	Temperature	Humidity	Cloudiness	Wind Speed
DC	65	30	2	8
New York	60	20	2	15
Boston	55	10	3	12
LA	75	40	5	10

Map of Lower Manhattan (TRIBECA, CIVIC CENTER) showing Bike Stations. Layer options: Bike Stations (checked), Trains, Points of Interest, Restaurants.
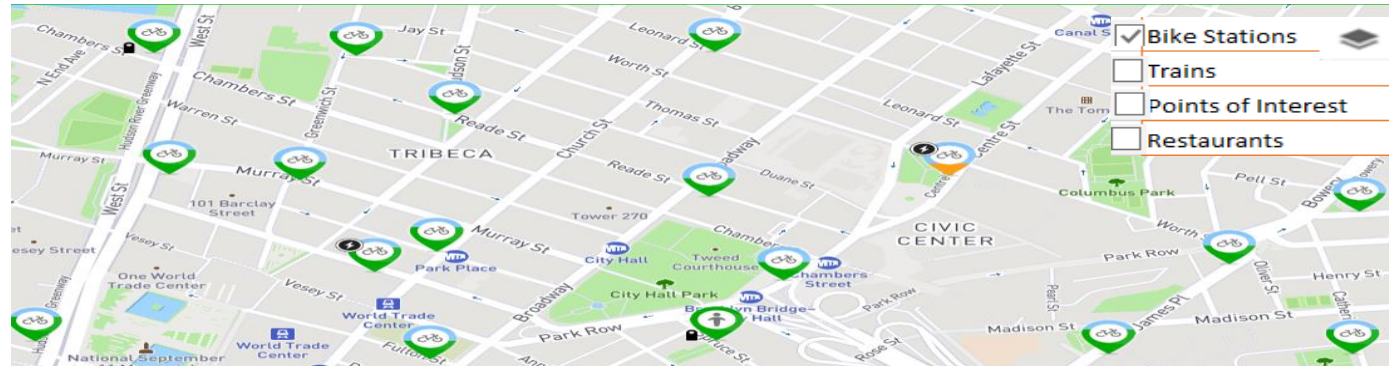
New York City Points of Interest

- Times Square
- Central Park
- Greenwich Village
- Brooklyn Bridge/DUMBO
- SoHo
- The High Line
- 5th Avenue & Rockefeller Center
- Grand Central Station
- Gantry Plaza
- Williamsburg

Line graph of monthly temperatures in Fahrenheit (Jan–Dec) showing High (red) and Low (blue) temperatures.