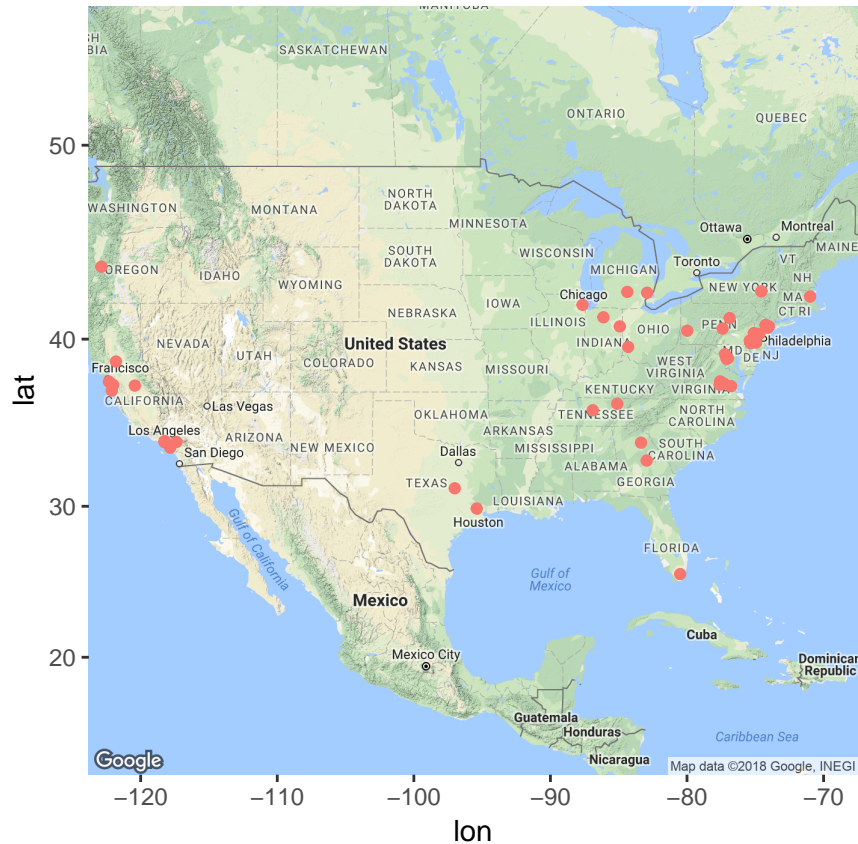# site_demo_map

Charmi Mehta & Rick Gilmore

2018-04-01 15:14:30

```
## Source : https://maps.googleapis.com/maps/api/staticmap?center=united+states&zoom=4&size=640x640&scal
```

```
## Source : https://maps.googleapis.com/maps/api/geocode/json?address=united%20states
```


Import dataset and add two new columns

Add two new columns named Latitude and Longitude to later use for ggmap function.

Add Latitude and Longitude values of each city.

```
## 2499 geocoding queries remaining.
```

```
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=los%20angeles%20CA
```

```
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=merced%20CA
```

```
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=orange%20CA
```

```
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=riverside%20CA
```

```
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=san%20mateo%20CA
```

Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=santa%20clara%20CA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=santa%20cruz%20CA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=yolo%20CA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=district%20of%20columbia%20D
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=miami-dade%20FL
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=clarke%20GA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=oconee%20GA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=cook%20IL
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=monroe%20IN
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=tippecanoe%20IN
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=orleans%20LA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=suffolk%20MA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=montgomery%20MD
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=clinton%20MI
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=ingham%20MI
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=camden%20NJ
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=essex%20NJ
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=gloucester%20NJ
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=mercer%20NJ
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=new%20york%20NY
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=richmond%20NY
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=tompkins%20NY
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=franklin%20OH
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=lane%20OR
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=allegheny%20PA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=bucks%20PA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=centre%20PA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=chester%20PA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=delaware%20PA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=montgomery%20PA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=philadelphia%20PA
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=davidson%20TN
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=williamson%20TN
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=harris%20TX
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=travis%20TX
Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=arlington%20VA

```
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=chesterfield%20VA
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=henrico%20VA
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=james%20city%20VA
## Source : http://www.datasciencetoolkit.org/maps/api/geocode/json?address=richmond%20VA
```

Create a ggmap for the site demographics

```
## Source : https://maps.googleapis.com/maps/api/staticmap?center=united+states&zoom=4&size=640x640&scal
## Source : https://maps.googleapis.com/maps/api/geocode/json?address=united%20states
```