

```
library(ggplot2)
```

```
## Warning: package 'ggplot2' was built under R version 4.3.3
```

```
library(dplyr)
```

```
##
```

```
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
```

```
##
```

```
## filter, lag
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
## intersect, setdiff, setequal, union
```

```
library(tidyr)
```

```
library(lubridate)
```

```
##
```

```
## Attaching package: 'lubridate'
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
## date, intersect, setdiff, union
```

```
library(stringr)
```

```
library(emojifont)
```

```
## Warning: package 'emojifont' was built under R version 4.3.3
```

```
library(ggtext)
```

```
## Warning: package 'ggtext' was built under R version 4.3.3
```

```
library(leaflet)
```

```
library(sf)
```

```
## Linking to GEOS 3.11.2, GDAL 3.7.2, PROJ 9.3.0; sf_use_s2() is TRUE
```

```
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
```

```
## v forcats 1.0.0      v readr  2.1.5
```

```
## v purrr  1.0.2      v tibble 3.2.1
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

```
## x dplyr::filter() masks stats::filter()
```

```
## x dplyr::lag()     masks stats::lag()
```

```
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
library(readr)
```

```
library(jsonlite)
```

```
##
```

```
## Attaching package: 'jsonlite'
```

```
##
```

```
## The following object is masked from 'package:purrr':
```

```
##
```

```
## flatten
```

```

library(wordcloud)

## Warning: package 'wordcloud' was built under R version 4.3.3
## Loading required package: RColorBrewer
library(tidytext)

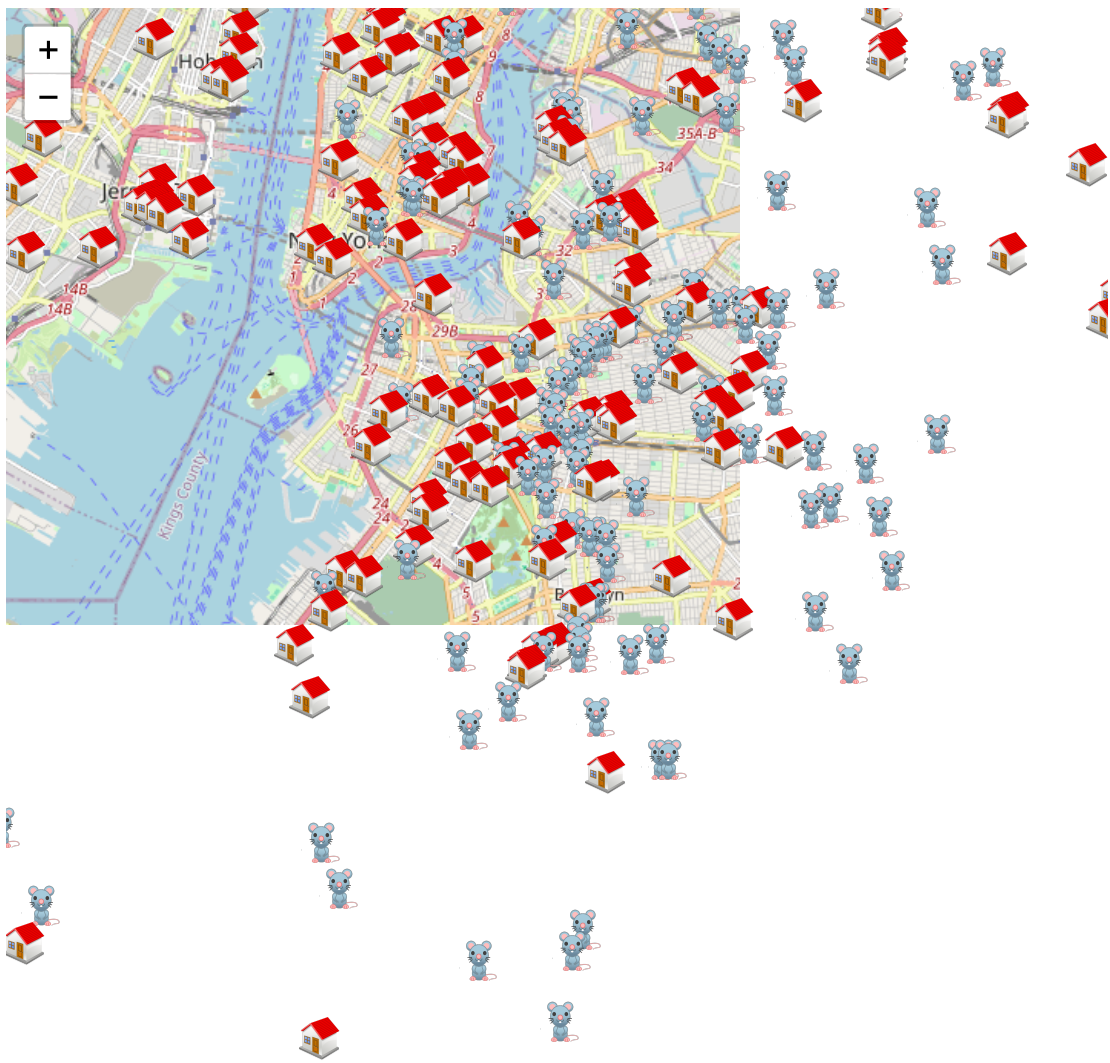
###Two variable comparisons data
airbnb_parsed <- airbnb_data |>
  select(Name, Title, Id, `Listing URL`, Price, Beds, Baths, Bedrooms, `Average Rating`, `Number of Reviews`)
  mutate(price_parsed = parse_number(Price))

house_icon <- makeIcon(
  iconUrl = "https://www.iconeasy.com/icon/png/System/Vista%20General/house.png",
  iconWidth = 29,
  iconHeight = 29
)

rat_icon <- makeIcon(
  iconUrl = "https://icons.iconarchive.com/icons/google/noto-emoji-animals-nature/256/22251-rat-icon.png",
  iconWidth = 28,
  iconHeight = 28
)

leaflet() |>
  addTiles() |>
  setView(lng = -74.00, lat = 40.71, zoom = 12) |>
  addMarkers(data = airbnb_data, lng = ~Longitude, lat = ~Latitude, icon = house_icon,
    popup = ~paste("<a href='", `Listing URL`, "'><b>", Title, "</b></a>", "</br>", Name, "</br>", Price))
  addMarkers(data=rats_graph, lng=~Longitude, lat=~Latitude, icon = rat_icon, popup = ~paste("squeak squeak"))

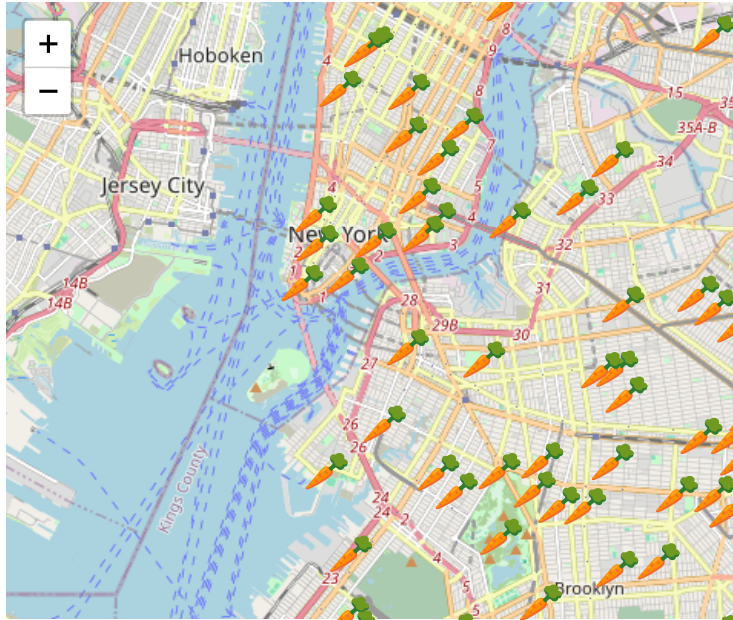
```



Leaflet | © OpenStreetMap, ODbL

```
carrot_icon <- makeIcon(  
  iconUrl = "https://images.emojiterra.com/google/noto-emoji/unicode-15.1/color/svg/1f955.svg",
```

```
    iconWidth = 29,  
    iconHeight = 29  
  )  
  
leaflet() |>  
  addTiles() |>  
  setView(lng = -74.00, lat = 40.71, zoom = 12) |>  
  addMarkers(data=farmers_markets, lng=~longitude, lat=~latitude, icon = carrot_icon, popup = ~paste(ma
```



Leaflet | © OpenStreetMap, ODbL

```
leaflet() |>  
  addTiles() |>
```

```
setView(lng = -74.00, lat = 40.71, zoom = 12)|>  
addPolygons(data=parks_sf, color="deeppink", popup = ~paste(SIGNNAME))
```

