geocode

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```
library(ggmap)
library(tidyverse)
readRDS("../data/processed/survey.rds")
```

```
## # A tibble: 1,585 x 80
##    responseid      source duration q2    q3    q4    q5    q6    q7    q7_7_text
##    <chr>           <chr>  <chr>    <chr> <chr> <chr> <chr> <chr> <chr> <chr>
##  1 r_yqrlak0mys38~ chine~ 9        <NA>  <NA>  <NA>  <NA>  <NA>  <NA>  <NA>
##  2 r_o7htxrntwk1u~ chine~ 6        <NA>  <NA>  <NA>  <NA>  <NA>  <NA>  <NA>
##  3 r_1plsmtyxbhna~ chine~ 5        <NA>  <NA>  <NA>  <NA>  <NA>  <NA>  <NA>
##  4 r_1cg4yex4vnnx~ chine~ 4        <NA>  <NA>  <NA>  <NA>  <NA>  <NA>  <NA>
##  5 r_3qqrp6ntnbq4~ chine~ 6        <NA>  <NA>  <NA>  <NA>  <NA>  <NA>  <NA>
##  6 r_2vi856vo7mf5~ chine~ 4318     <NA>  <NA>  <NA>  <NA>  <NA>  <NA>  <NA>
##  7 r_2tkkujtmpbar~ chine~ 112      <NA>  <NA>  <NA>  <NA>  <NA>  <NA>  <NA>
##  8 r_3qqajpqteb9t~ chine~ 41       1     <NA>  <NA>  <NA>  <NA>  <NA>  <NA>
##  9 r_3emaq9sygeqd~ proli~ 419      1     11435 quee~ 29    2     5     <NA>
## 10 r_3grxiz6bolyr~ proli~ 234      1     10016 28th~ 31    1     5     <NA>
## # ... with 1,575 more rows, and 70 more variables: q8 <chr>, q9 <chr>,
## #   q9_6_text <chr>, q10 <chr>, q10_4_text <chr>, q11 <chr>, q12 <chr>,
## #   q12_9_text <chr>, q13 <chr>, q14 <chr>, q15 <chr>, q16 <chr>, q17 <chr>,
## #   q18 <chr>, q19 <chr>, q20 <chr>, q21 <chr>, q21_11_text <chr>, q22 <chr>,
## #   q23 <chr>, q24 <chr>, q25_1 <chr>, q25_2 <chr>, q25_3 <chr>, q25_4 <chr>,
## #   q26 <chr>, q26_8_text <chr>, q27 <chr>, q28 <chr>, q28_4_text <chr>,
## #   q29 <chr>, q29_8_text <chr>, q30 <chr>, q31 <chr>, q32 <chr>, ...
```

```
wrangled <- haven::read_dta("../data/output/wrangled20220218.dta")
```

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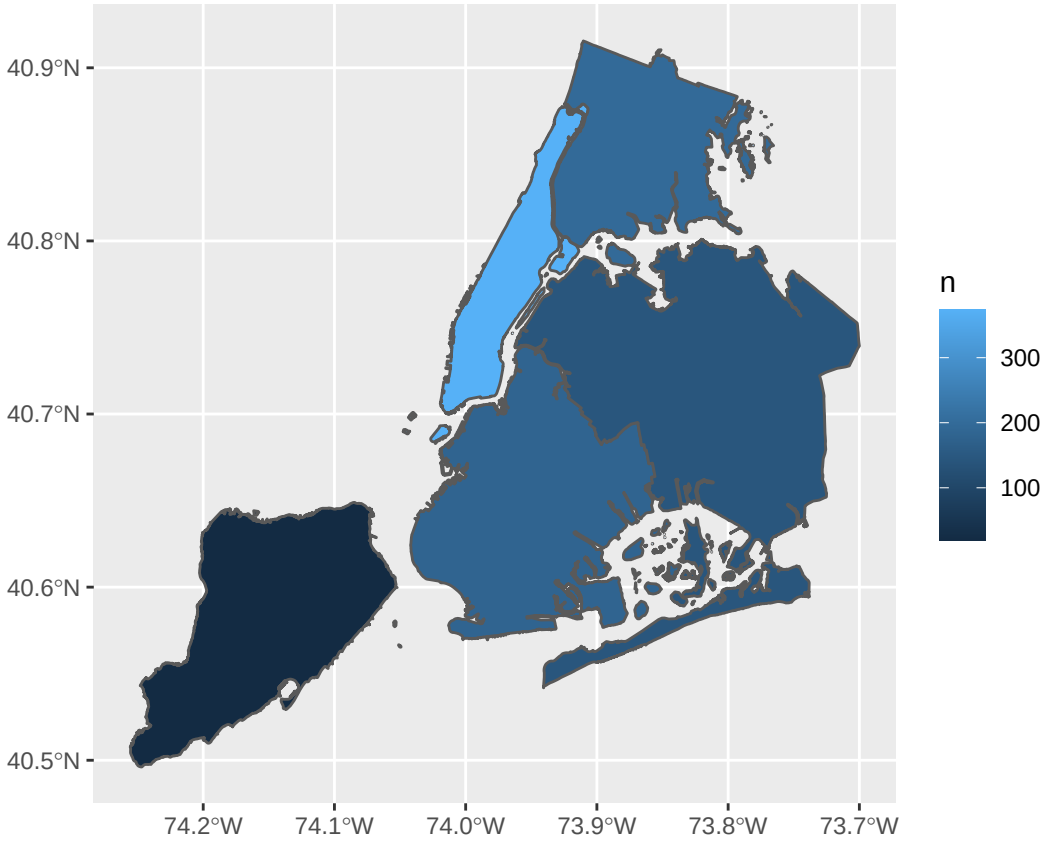
Plot

First Draft for plotting the choropleth map of respondents. Hope to get a point map also.

```
nybb %>% left_join(dist, by = c("boro_name" = "borough")) %>%
  ggplot() + geom_sf(aes(fill = n))
```


40.9°N
40.8°N
40.7°N
40.6°N
40.5°N
74.2°W
74.1°W
74.0°W
73.9°W
73.8°W
73.7°W
n
300
200
100