Plot Polygon with ggplot2

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This script contains all the code from my medium blog post.

Read in and plot New York City Zip Code map.

```
# set directory to where the zip code shapefile is
filepath = "~/Documents/HongGao/MediumBlog_R/1.ggplot2_polygon"
setwd(filepath)
# read in zip code shapefile
zipcode <- readOGR("ZIP_CODE_040114/", "ZIP_CODE_040114")

## OGR data source with driver: ESRI Shapefile
## Source: "/Users/HongG/Documents/HongGao/MediumBlog_R/1.ggplot2_polygon/ZIP_CODE_040114", layer: "ZIP
## with 263 features
## It has 12 fields
# generate a unique ID for each polygon
zipcode@data$seq_id <- seq(1:nrow(zipcode@data))
# plot it
plot(zipcode)</pre>
```



Generate random data to plot with.

Save the changed shapefile to current directory.

writeOGR(zipcode, "nyczipcode", "nyc_zipcode", driver = "ESRI Shapefile")