

Sales by ZIP Code

5/1/2018

Read in the data

```
require(readr)
require(mosaic)
require(MASS)
require(car)
library(ggmap)
library(mapproj)

groupcdata <- read_csv("https://awagaman.people.amherst.edu/stat230/projectsS18/groupCdataS18.csv")

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sales<-groupcdata %>%
  mutate(condition=as.factor(condition),id=1:n(),waterfront=as.factor(waterfront),zipcode=as.factor(zipcode))
  filter(zipcode %in% c("98103","98038","98115","98052","98117"))

map <- get_map(location = 'Seattle')

ggmap(map) +
  geom_point(data = sales, aes(x = long, y = lat, color = zipcode, alpha = price)) +
  labs(x="Longitude", y="Latitude")+
  scale_size(range = c(3, 8)) + ggtitle("ZIP Codes with Most Sales in King County") + scale_alpha_con
```

