

Exercise set 2

Will these two graphs look different? Why/why not?

```
ggplot(data = mpg, mapping = aes(x = displ, y = hwy)) +  
  geom_point() +  
  geom_smooth()
```

```
ggplot() +  
  geom_point(data = mpg, mapping = aes(x = displ, y = hwy)) +  
  geom_smooth(data = mpg, mapping = aes(x = displ, y = hwy))
```

Many plots apply statistical transformations or summaries to the input data

```
ggplot(data = diamonds) +  
  geom_bar(mapping = aes(x = cut))
```

