

*SOC 4930/5050: Week 02, Lecture 02A Functions
Quick Reference*

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Packages

- tidyverse
 - ggplot2

Basic Plot

```
ggplot2::ggplot(data = dataFrame) +  
  geom(mapping = aes(aesthetic))
```

Geometric Objects

Line Plot

Each of these geoms must be paired with an initial ggplot function call.

```
geom_freqpoly(mapping = aes(aesthetic))
```

Bar Plot

```
geom_bar(mapping = aes(aesthetic))
```

Scatter Plot

```
geom_point(mapping = aes(x = var1, y = var2))
```

Smoothed Line

```
geom_smooth(mapping = aes(x = var1, y = var2))
```

Box Plot

```
geom_box(mapping = aes(x = var1, y = var2))
```

The x variable should be the discrete variable.