|  |
| --- |
| **Reading in Data**  IPEDS <- read\_csv(here::here("data",  "<NAME OF DATASET.csv>")  )  ***Note:*** The name of the dataset will change, but it will always need to have the .csv at the end of its name! |
| **Calculating Summary Statistics for One Numerical Variable**  favstats(~ <NAME OF VARIABLE>, data = <NAME OF DATASET>)  ***Note:*** The ~ **must** be included *before* the name of the variable! |
| **Histogram**  ggplot(data = <NAME OF DATASET>,  mapping = aes(x = <NAME OF VARIABLE>)) +  geom\_histogram(binwidth = <WIDTH OF BINS>) +  labs(x = "<TITLE FOR THE X-AXIS>")  ***Note:*** A histogram **must** have the variable on the x-axis! |
| **Dotplot**  ggplot(data = <NAME OF DATASET>,  mapping = aes(x = <NAME OF VARIABLE>)) +  geom\_dotplot() +  labs(x = "<TITLE FOR THE X-AXIS>")  ***Note:*** A dotplot **must** have the variable on the x-axis! |
| **Boxplot**  ggplot(data = <NAME OF DATASET>,  mapping = aes(x = <NAME OF VARIABLE>)) +  geom\_boxplot() +  labs(x = "<TITLE FOR THE X-AXIS>")  ***Note:*** This boxplot is horizontal. If you want for your boxplot to be vertical, you use **y =** instead of **x =** . Keep in mind you will need to change the location of you axis label, too! |