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title: "final"
output: html_document
date: "2024-02-24"
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```{r setup, include=FALSE}
setwd("C:/Users/brean/OneDrive/Desktop/640/final/breannaparkerdscc640final")
knitr::opts_chunk$set(echo = TRUE)

...

```{r}
#load dataset
library(readr)

data <- read.csv("education.csv")
data

...

```{r}
#histogram
graph1 <- data$math
hist(graph1, main="Count per Math Score",
xlab="Math Score", col="cyan")

...

```{r}
#boxplot
boxplot(data$writing,
main = "Writing scores mean by State",
xlab = "Writing Score",
col = "cyan",
border = "black"
)

...

```{r}
#couldnot figure out the bullet chart for rstudio. this was the farthest that I got.
library(dplyr)

ggplot() +
 geom_bar(data = data,
 aes(x = data$state, y = data$reading, fill = math), stat = "identity",
 position = "stack") +
 geom_bar(data = data,
 aes(x = data$state, y = data$reading), fill = "black", width = .2,
 stat = "identity") +
 scale_fill_manual(values = bullet_colors) +
 coord_flip(expand = FALSE)

...

```{r}
#load second dataset

```

```
data2 <- read.csv("Automobile.csv")
data2

```

```{r}
library(ggplot2)
#violin chart!
ggplot(data2, aes(x=mpg, y=cylinders)) +
  geom_violin()

```
```