

Predicting Student Performance

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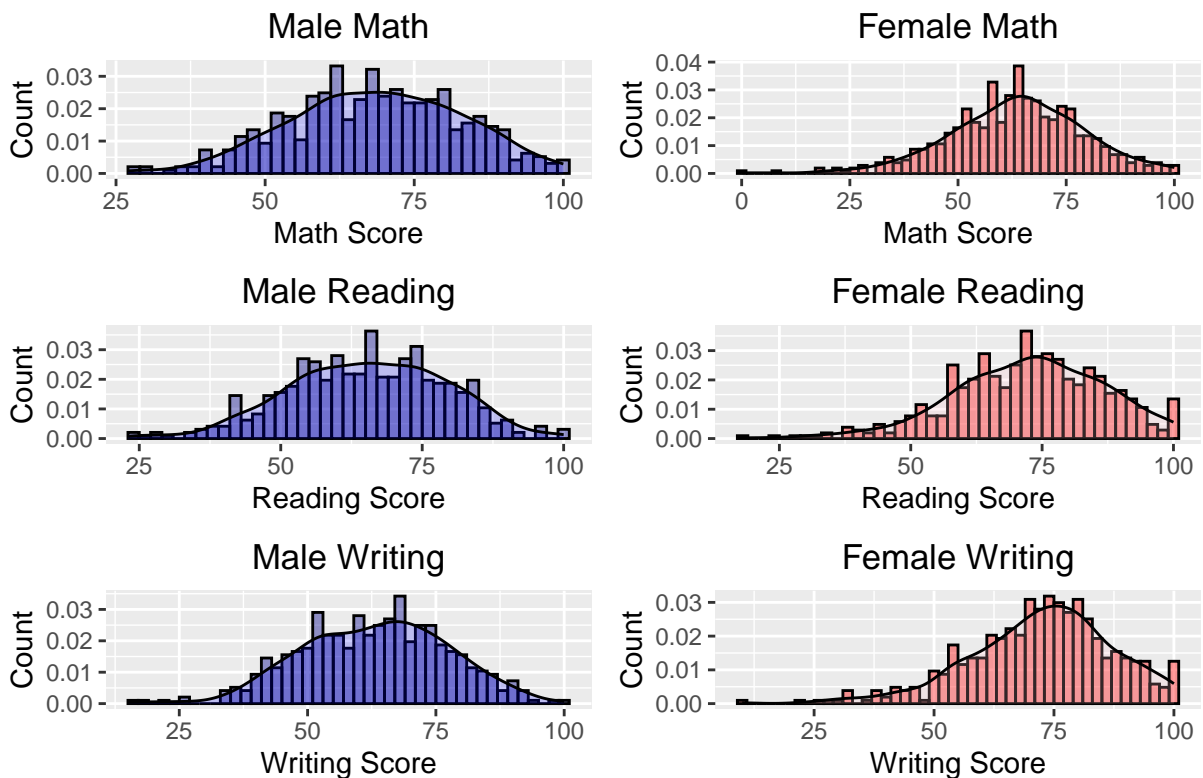
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The goal of this project is to gain insights on classroom performance. We will begin with a series of visualizations and conclude with a predictive model.

```
library(ggplot2)
library(dplyr)
library(patchwork)
library(tidyverse)
score_data <- read.csv('StudentsPerformance.csv', header = TRUE)
attach(score_data)
```

We will begin by examining the distribution of subject specific scores across gender.

Distribution of Scores across Gender



```
male_score_data %>% summarise(Math_Average = mean(math.score), Reading_Average = mean(reading.score)) %>%
```

```
## # A tibble: 1 x 2
##   Math_Average Reading_Average
##         <dbl>         <dbl>
## 1         68.7         65.5
```