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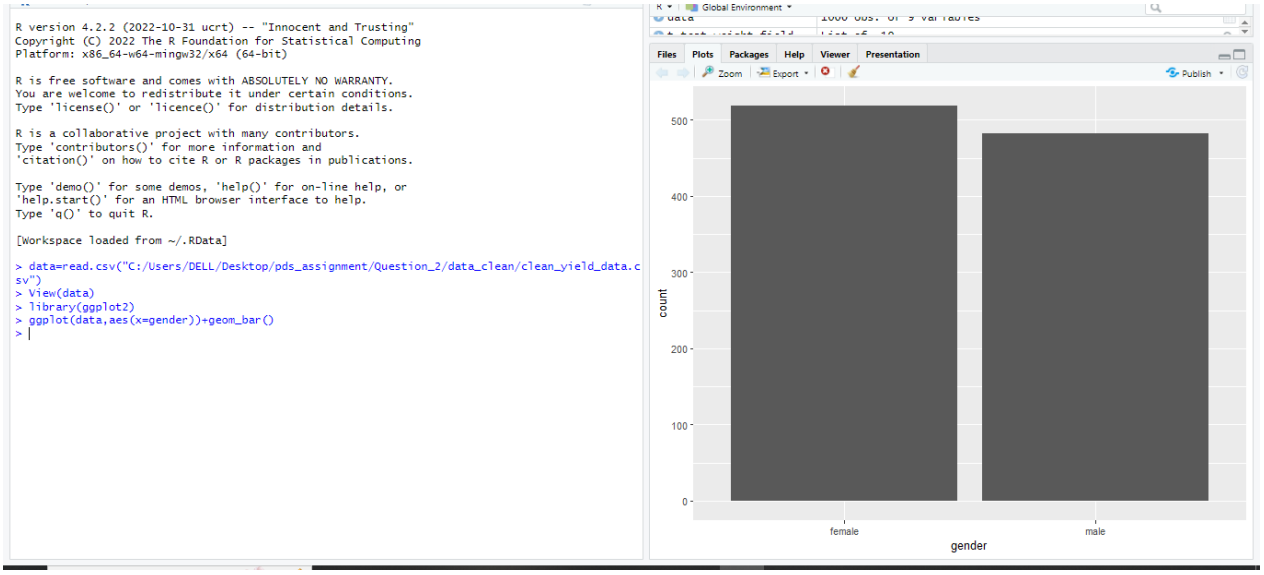
PDS Assignment

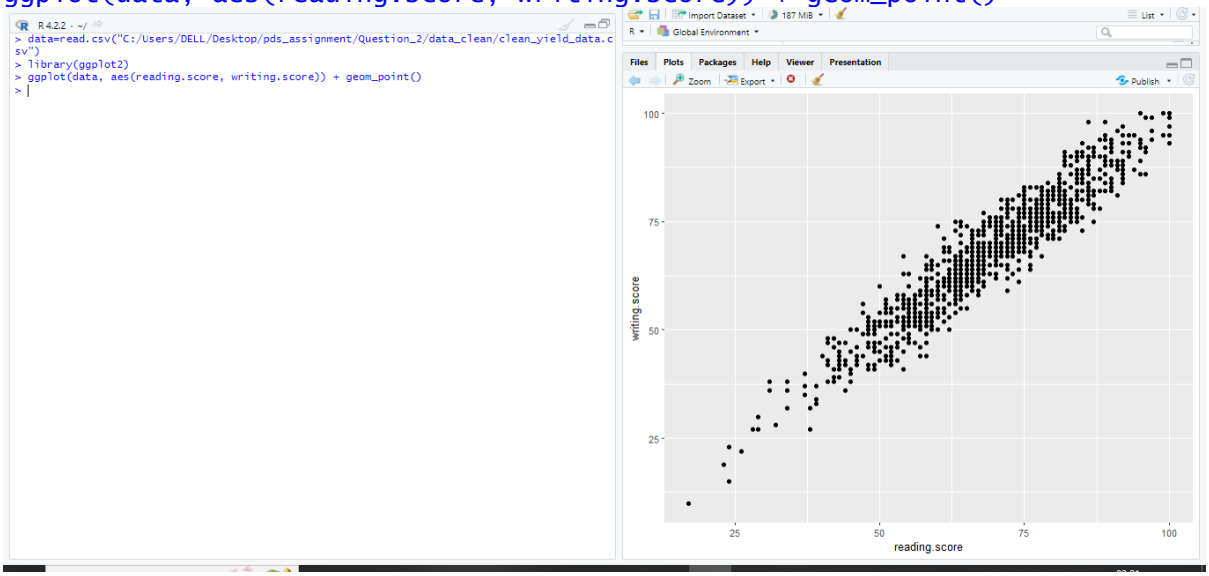
1. Graph

```
> data=read.csv("C:/Users/DELL/Desktop/pds_assignment/Question_2/data_clean/clean_yield_data.csv")
View(data)
library(ggplot2)
  ggplot(data,aes(x=gender))+geom_bar()
```



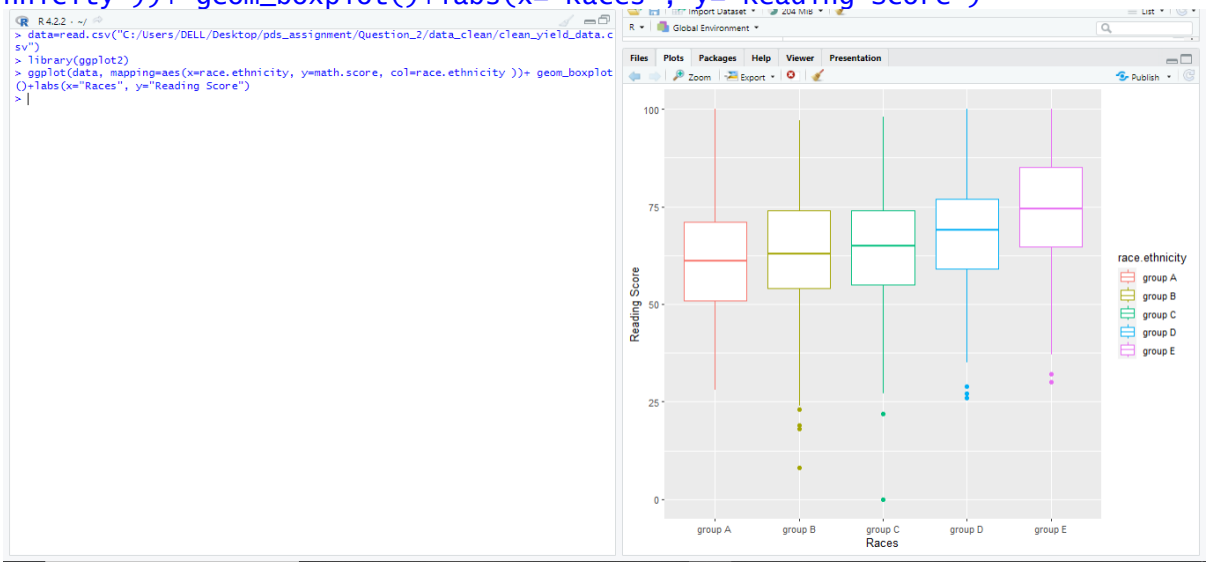
2. Graph

```
data=read.csv("C:/Users/DELL/Desktop/pds_assignment/Question_2/data_clean/clean_yield_data.csv")
View(data)
library(ggplot2)
ggplot(data, aes(reading.score, writing.score)) + geom_point()
```



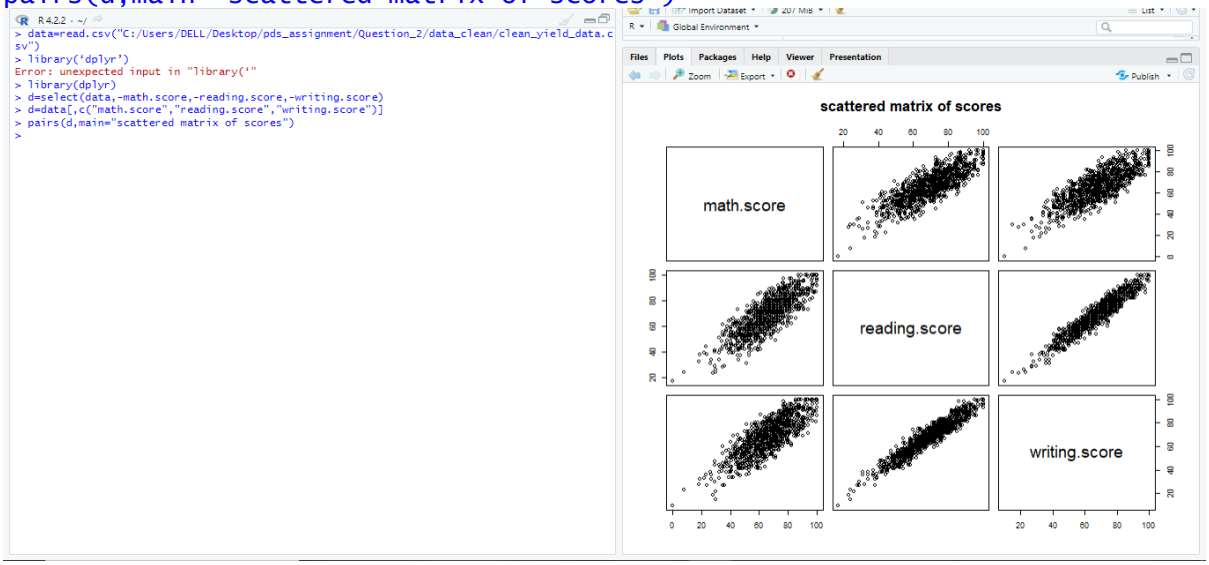
3. Graph

```
data=read.csv("C:/Users/DELL/Desktop/pds_assignment/Question_2/data_clean/clean_yield_data.csv")
View(data)
library(ggplot2)
ggplot(data, mapping=aes(x=race.ethnicity, y=math.score, col=race.ethnicity ))+ geom_boxplot()+labs(x="Races", y="Reading Score")
```



4. Graph

```
data=read.csv("C:/Users/DELL/Desktop/pds_assignment/Question_2/data_clean/clean_yield_data.csv")
install.packages(c('dplyr', 'readxl'))
library('dplyr')
d=select(data,-math.score,-reading.score,-writing.score)
d=data[,c("math.score","reading.score","writing.score")]
pairs(d,main="scattered matrix of scores")
```



5.Graph

```
data=read.csv("C:/Users/DELL/Desktop/pds_assignment/Question_2/data_clean/clean_yield_data.csv")
library(ggplot2)
ggplot(data, aes(x = writing.score, fill = race.ethnicity)) + geom_histogram(position = "identity", alpha = 0.2, bins = 50)
```