```r
1    library(readr)
2
3    # Import data from CSV file
4    dataset <- read.csv("C:/Users/Vivekajee/Music/CodeWithVnj/R Program/Student_Data.csv")
5
6    str(dataset)
7    head(dataset)
8    summary(dataset)
9    subset_data <- dataset[dataset$Fees > 60000, ]
10   dataset$New_Values <- dataset$Values * 2
11   filtered_data <- subset(dataset, St_Name == "Ruhma")
12   mean_value <- mean(dataset$Fees)
13   median_value <- median(dataset$Fees)
14   sd_value <- sd(dataset$Fees)
15   table(dataset$St_Name)
16
17   hist_color <- "red"
18   barplot_color <- "lightgreen"
19
20   par(mfrow = c(1, 2))
21   hist(dataset$Values, col = hist_color, main = "Distribution of Values", xlab = "Values")
22   barplot(table(dataset$St_Name), col = barplot_color, main = "Frequency of St Names")
23
```

13:37   (Top Level) ⇕   R Script ⇕

Environment   **History**   **Connections**   **Git**   **Tutorial**

Import Dataset ▾   ● 185 MiB ▾

R ▾   Global Environment ▾

Data	
▶ dataset	20 obs. of 5 variables
▶ filtered_data	2 obs. of 5 variables
prob_matrix	num [1:6, 1:2] 0.167 0.167 0.167 0.167 0.167 ...
▶ subset_data	17 obs. of 4 variables
Values	
barplot_color	"lightgreen"
empirical_probabilities	'table' num [1:6(1d)] 0.154 0.165 0.181 0.156 0.18 0.164
hist_color	"red"
mean_value	135000
median_value	140000
sd_value	53064.0129813437
simulated_rolls	int [1:1000] 2 2 2 2 2 2 6 2 2 3 ...
theoretical_probabilities	num [1:6] 0.167 0.167 0.167 0.167 0.167 ...

Distribution of Values

Frequency of St Names