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# Load required libraries
library(ggplot2)
# Setting the seed for reproducible random numbers
set.seed(983274, kind = "Mersenne-Twister")
# Load the data
data <- data.frame( x = sample(LETTERS[1:5], 100, replace = TRUE))
# Show the data
head(data)

  x
1 D
2 B
3 A
4 B
5 B
6 B

# Summarize data
data_srz <- as.data.frame(table(data$x))
# Show summarize data
data_srz

  Var1 Freq
1    A   16
2    B   22
3    C   18
4    D   21
5    E   23

# Create a plot
ggp <- ggplot(data_srz, aes(x = Var1, y = Freq, fill = Var1)) +
  geom_bar(stat = "identity") +
  geom_text(aes(label = Freq), vjust = 2)
# Show the plot
ggp
```

