

SHETH L.U.J AND SIR M.V COLLEGE

Subject: Data Analysis with SAS / SPSS /R

Practical no. 2

Aim: Generating frequency tables using
table() or count() (R)

Outputs→

The screenshot shows the RStudio interface with the following details:

- File Menu:** File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help.
- Script Editor:** Displays R code for generating frequency tables from a CSV file named "shopping_behavior_updated.csv".

```
ales_data <- read.csv("shopping_behavior_updated.csv")
# Print header
print("----2. Frequency Table (Review Rating Distribution) ---")
# ---- A. Using table()
rating_counts <- table(df$Review.Rating)
print(rating_counts)
# ---- B. Using dplyr count()
rating_df <- df %>% count(Review.Rating)
print(rating_df)
```
- Environment View:** Shows variables and their characteristics:
 - rating_df: 26 obs. of 2 variables
 - retail_store_s...: 12575 obs. of 11 variables
 - sales: 1000 obs. of 14 variables
 - sales_calc: 1000 obs. of 17 variables
 - sales_clean: 1000 obs. of 14 variables
 - sales_data: 1000 obs. of 14 variables
 - sales_data_sal...: 1000 obs. of 14 variables
 - sales_data_xls: 1000 obs. of 14 variables
 - sales_toxic: 1000 obs. of 16 variables
- Files View:** Shows the file structure and details:
 - Home folder contains: RData (630.4 KB), .Rhistory (6.4 KB), 9_jugaar.circ (11.9 KB), Custom Office Templates, Dell, desktop.ini (402 B), divorce_df.csv (749.6 KB), Downloads - Shortcut.lnk (737 B), flower_dataset - flower_dataset.csv (283.7 KB), Iris - Iris.csv (5 KB), My Music, My Pictures, My Videos, NetBeansProjects, penguins.csv (16.1 KB).
 - Last modified: Dec 14, 2025, 3:47 PM; Oct 24, 2024, 11:16 PM; Dec 8, 2024, 2:50 PM; Dec 9, 2025, 11:52 PM; Mar 18, 2025, 3:29 PM; Dec 8, 2025, 11:03 AM; Dec 8, 2025, 11:06 AM; Dec 10, 2025, 12:12 AM.
- Bottom Bar:** Includes icons for search, file operations, and system status (ENG IN, 14-12-2025, 1819).

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The screenshot shows the RStudio interface. The left pane displays an R script titled "S071_Practicalno_2(mod-2).R" with the following code:

```
ales_data <- shopping_behavior_updated
dt <- read.csv("shopping_behavior_updated.csv")
# Print header
print("---2. Frequency Table (Review Rating Distribution) ---")
# ---- A. Using table()
rating_counts <- table(df$Review.Rating)
print(rating_counts)
# ---- B. Using dplyr count()
rating_df <- df %>% count(Review.Rating)
print(rating_df)
```

The right pane shows the "Environment" tab with a list of objects and their details. Below it is a file browser showing local files and their metadata.

Name	Size	Modified
.RData	630.4 KB	Dec 14, 2025, 3:47 PM
Rhistory	6.4 KB	Dec 14, 2025, 3:47 PM
9 jugaar.circ	11.9 KB	Oct 24, 2024, 11:16 PM
Custom Office Templates		
Dell		
desktop.ini	402 B	Dec 8, 2024, 2:50 PM
divorce_df.csv	749.6 KB	Dec 9, 2025, 11:52 PM
Downloads - Shortcut.link	737 B	Mar 18, 2025, 3:29 PM
flower_dataset - flower_dataset.csv	283.7 KB	Dec 8, 2025, 11:03 AM
Iris - Iris.csv	5 KB	Dec 8, 2025, 11:06 AM
My Music		
My Pictures		
My Videos		
NetBeansProjects		
penguins.csv	16.1 KB	Dec 10, 2025, 12:12 AM