

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

Subject: Data Analysis with SAS / SPSS /R

Practical no. 3

Aim: Creating cross-tabulations and two-way tables using table() (R)

Outputs→

The screenshot displays the RStudio interface. The script editor on the left contains the following R code:

```
7 print("-- 3. Cross-tabulation (education_level vs divorced) --")
8
9 cross_tab <- table(df$education_level, df$divorced)
10
11 print(cross_tab)
12
13
14
```

The console on the right shows the execution of the code, resulting in a cross-tabulation table:

```
[1] "-- 3. Cross-tabulation (education_level vs divorced) --"
> cross_tab <- table(df$education_level, df$divorced)
> print(cross_tab)
```

	0	1
Bachelor	1267	802
High School	908	605
Master	561	402
No Formal Education	151	80
PhD	122	102

The Environment pane on the right shows the following objects:

- `$ data.name`: chr "df\$Total.Spent and df\$Discount_Adju..."
- `- attr(*, "class")=` chr "htest"
- `t_test_two`: List of 10
- `tidy_sales`: 1000 obs. of 15 variables
- `volatile_days`: 114 obs. of 7 variables

The Files pane on the right shows the following files:

- .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)