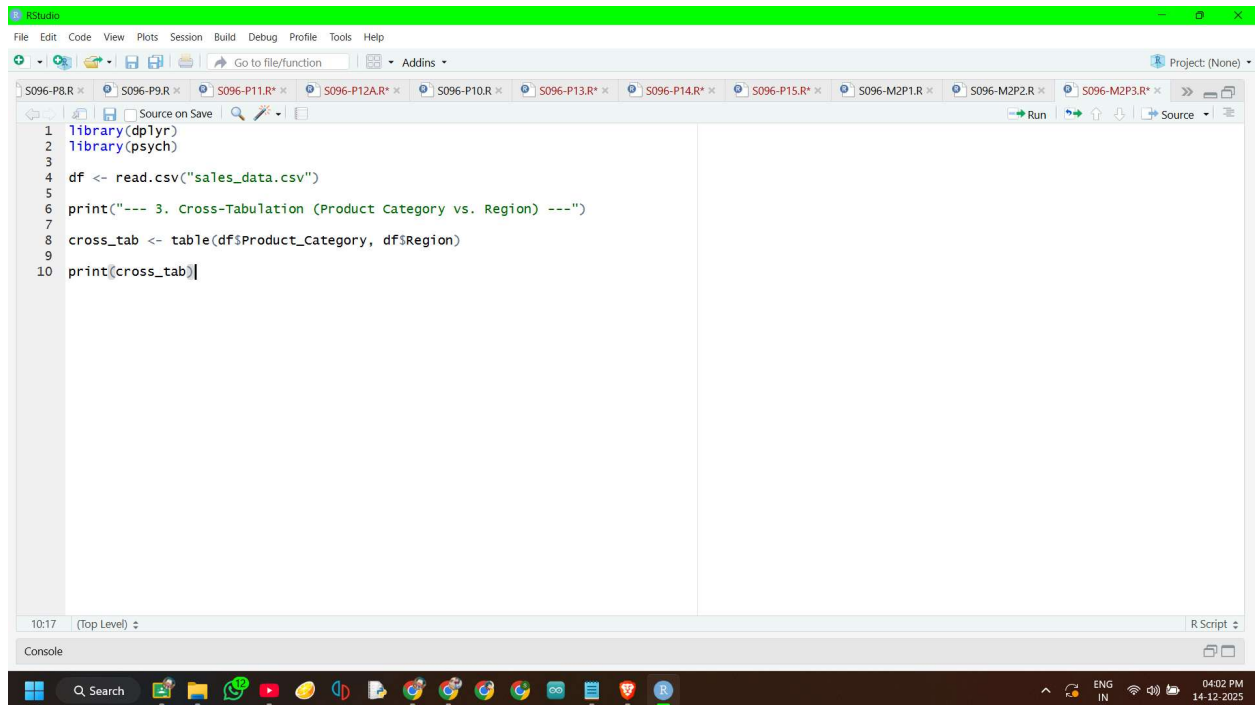


# SHETH L.U.J. AND SIR M.V. COLLEGE

## DATA ANALYSIS WITH R

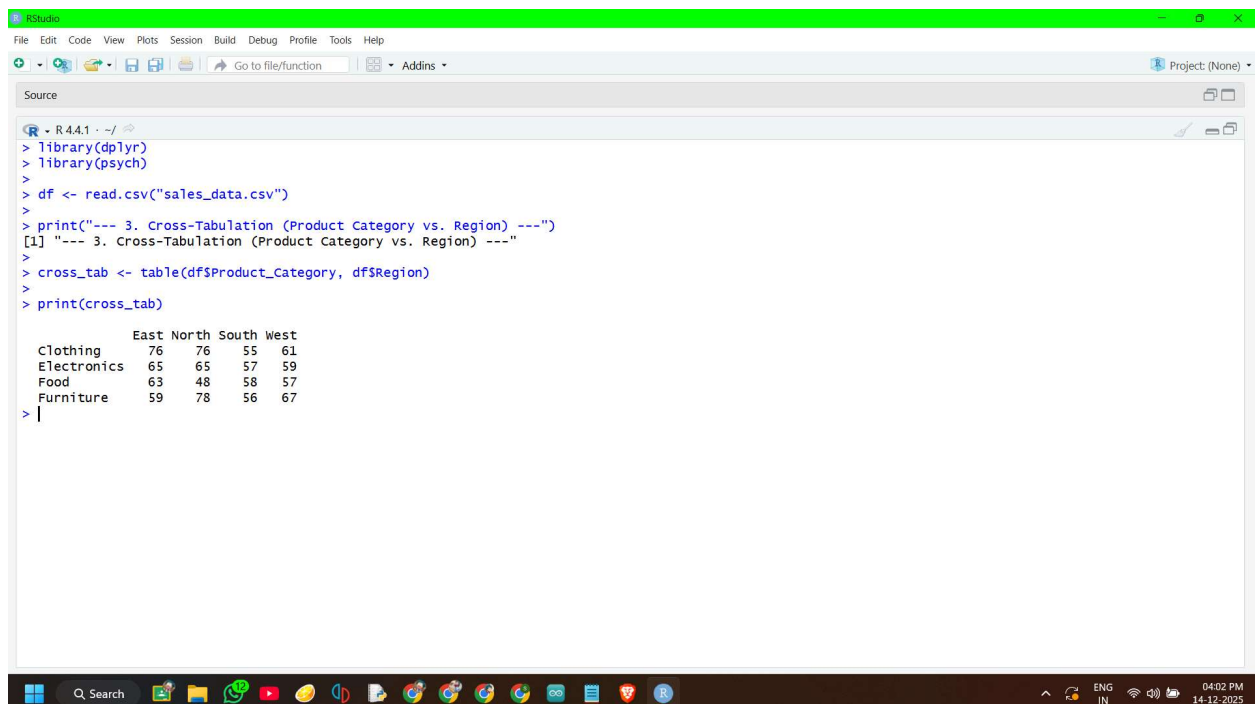
AIM: Creating cross-tabulations and two-way tables using table() (R).

CODE:



```
1 library(dplyr)
2 library(psych)
3
4 df <- read.csv("sales_data.csv")
5
6 print("--- 3. Cross-Tabulation (Product Category vs. Region) ---")
7
8 cross_tab <- table(df$Product_Category, df$Region)
9
10 print(cross_tab)
```

OUTPUT:



```
> library(dplyr)
> library(psych)
>
> df <- read.csv("sales_data.csv")
> print("--- 3. Cross-Tabulation (Product Category vs. Region) ---")
[1] "--- 3. Cross-Tabulation (Product Category vs. Region) ---"
> cross_tab <- table(df$Product_Category, df$Region)
> print(cross_tab)
```

	East	North	South	West
Clothing	76	76	55	61
Electronics	65	65	57	59
Food	63	48	58	57
Furniture	59	78	56	67