

**Sheth L.U.J & Sir M.V College Of Science**  
**Subject :- Data Analysis with SAS/SPSS/R**  
**Module 2 Practical no 2**

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

```
> library(dplyr)
> df <- read.csv("tokopedia_product_reviews_2025.csv")
> rating_counts <- table(df$rating)
> print("Frequency Table: Product Ratings")
[1] "Frequency Table: Product Ratings"
> print(rating_counts)
```

```
 1      2      3      4      5
547    251    802   2418  61525
```

```
> sentiment_counts <- table(df$sentiment)
> print("Frequency Table: Review Sentiment")
[1] "Frequency Table: Review Sentiment"
> print(sentiment_counts)
```

```
negative  neutral  positive
      798       802      63943
```

```
> verified_counts <- table(df$verified_purchase)
> print("Frequency Table: Verified Purchase Status")
[1] "Frequency Table: Verified Purchase Status"
> print(verified_counts)
```

```
< table of extent 0 >
```

```
> rating_df <- df %>% count(rating)
> print("Rating Frequency (Data Frame Format)")
[1] "Rating Frequency (Data Frame Format)"
> print(rating_df)
```

```
rating  n
1       1  547
2       2  251
3       3  802
4       4 2418
5       5 61525
```

```
> sentiment_df <- df %>% count(sentiment)
```

```
Error in `count()` :
! Must group by variables found in '.data'.
✖ Column 'sentiment' is not found.
Run `rlang::last_trace()` to see where the error occurred.
```

```
> print("Sentiment Frequency (Data Frame Format)")
[1] "Sentiment Frequency (Data Frame Format)"
```

```
[1] "Sentiment Frequency (Data Frame Format)"
> print(sentiment_df)
```

```
Error: object 'sentiment_df' not found
```

```
> verified_df <- df %>% count(verified_purchase)
```

```
Error in `count()` :
! Must group by variables found in '.data'.
✖ Column 'verified_purchase' is not found.
Run `rlang::last_trace()` to see where the error occurred.
```

```
> print("Verified Purchase Frequency (Data Frame Format)")
[1] "Verified Purchase Frequency (Data Frame Format)"
> print(verified_df)
```

```
Error: object 'verified_df' not found
```

```
> rating_prop <- prop.table(rating_counts)
> print("Proportion Table: Product Ratings")
[1] "Proportion Table: Product Ratings"
> print(rating_prop)
```

```
 1      2      3      4      5
0.008345666 0.003829547 0.012236242 0.036891811 0.938696733
```

```
> sentiment_prop <- prop.table(sentiment_counts)
> print("Proportion Table: Review Sentiment")
[1] "Proportion Table: Review Sentiment"
> print(sentiment_prop)
```

```
negative  neutral  positive
0.01217521 0.01223624 0.97558854
```

```
> verified_prop <- prop.table(verified_counts)
> print("Proportion Table: Verified Purchase")
[1] "Proportion Table: Verified Purchase"
> print(verified_prop)
numeric(0)
```

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