SHETH L.U.J. & SIR M.V. COLLEGE OF SCIENCE
SUBJECT - Data Analysis with R / SAS / SPSS

Aim :- Generating correlation matrices using cor() (R).

Output :

```
> summary(amazon_data)
  product_id        product_name         category         discounted_price
 Length:1465        Length:1465        Length:1465        Length:1465
 Class :character   Class :character   Class :character   Class :character
 Mode  :character   Mode  :character   Mode  :character   Mode  :character
 actual_price       discount_percentage    rating          rating_count
 Length:1465        Length:1465         Length:1465        Length:1465
 Class :character   Class :character    Class :character   Class :character
 Mode  :character   Mode  :character    Mode  :character   Mode  :character
 about_product        user_id           user_name          review_id
 Length:1465        Length:1465        Length:1465        Length:1465
 Class :character   Class :character   Class :character   Class :character
 Mode  :character   Mode  :character   Mode  :character   Mode  :character
 review_title       review_content       img_link          product_link
 Length:1465        Length:1465        Length:1465        Length:1465
 Class :character   Class :character   Class :character   Class :character
 Mode  :character   Mode  :character   Mode  :character   Mode  :character
> amazon_numeric <- amazon_data %>%
   discounted_price        actual_price discount_percentage
        "character"         "character"         "character"
> colSums(is.na(amazon_numeric))
   discounted_price        actual_price discount_percentage
                  0                   0                   0
> amazon_clean <- na.omit(amazon_numeric)
> summary(amazon_clean)
 discounted_price   actual_price       discount_percentage
 Length:1465        Length:1465        Length:1465
 Class :character   Class :character   Class :character
 Mode  :character   Mode  :character   Mode  :character
> correlation_matrix <- cor(amazon_clean)
```


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