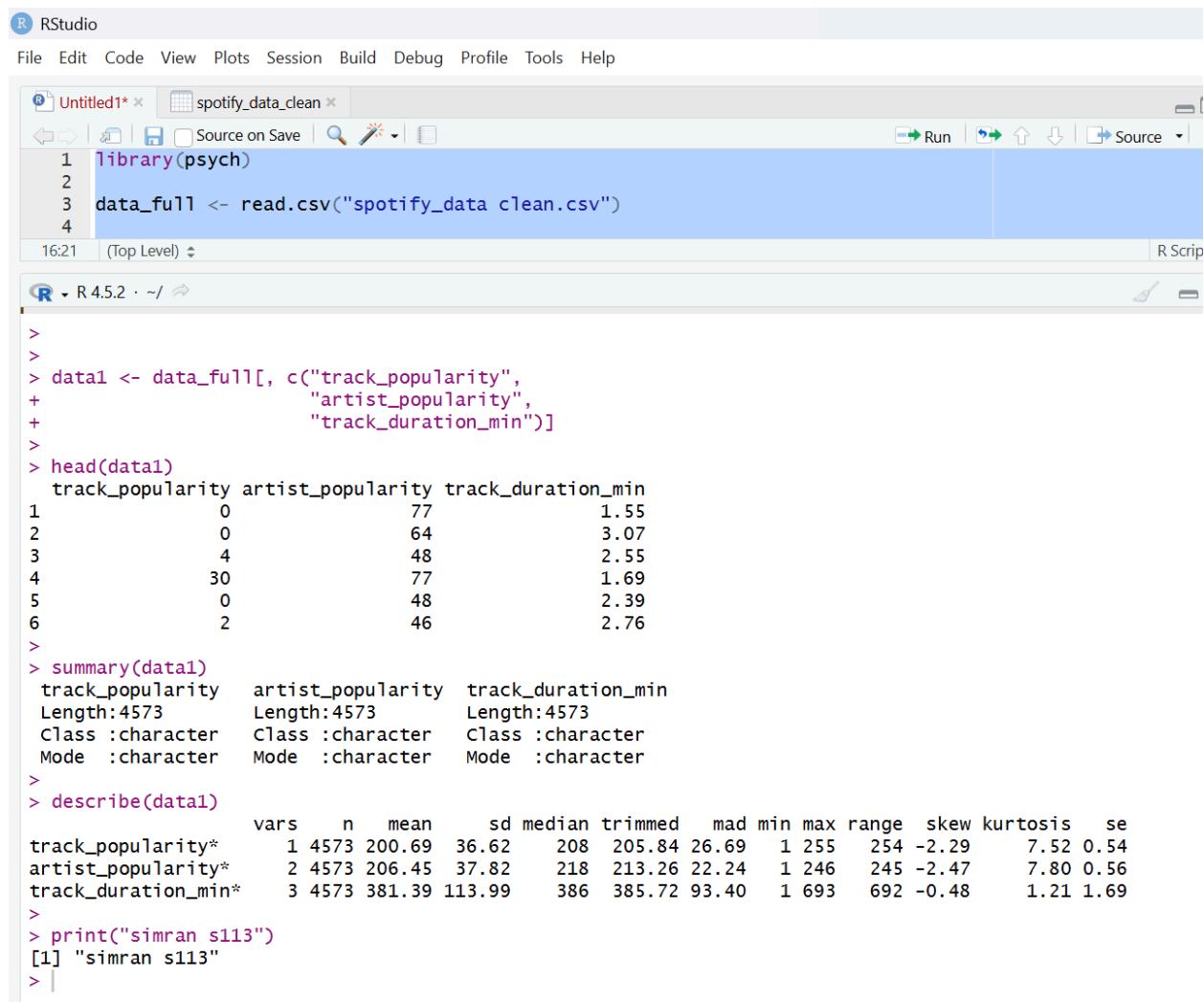


Sheth I.u.j. And sir m.v. college of arts science and commerce

Practical no. 1 mod2

Aim: Generating descriptive statistics using summary() or describe()



The screenshot shows an RStudio interface with the following details:

- File Menu:** File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help.
- Code Editor:** Untitled1* (active), spotify_data_clean*. R Script.
- Code Content:**

```
library(psych)
data_full <- read.csv("spotify_data_clean.csv")
library(psych)
data1 <- data_full[, c("track_popularity",
+                      "artist_popularity",
+                      "track_duration_min")]
head(data1)
  track_popularity artist_popularity track_duration_min
1                  0                   77             1.55
2                  0                   64             3.07
3                  4                   48             2.55
4                 30                  77             1.69
5                  0                   48             2.39
6                  2                   46             2.76
summary(data1)
  track_popularity  artist_popularity  track_duration_min
Length:4573          Length:4573          Length:4573
Class :character      Class :character      Class :character
Mode  :character      Mode  :character      Mode  :character
describe(data1)
   vars     n    mean       sd median trimmed   mad min max range skew kurtosis    se
track_popularity*     1 4573 200.69    36.62    208 205.84 26.69  1 255 254 -2.29     7.52 0.54
artist_popularity*    2 4573 206.45    37.82    218 213.26 22.24  1 246 245 -2.47     7.80 0.56
track_duration_min*   3 4573 381.39   113.99    386 385.72 93.40  1 693 692 -0.48     1.21 1.69
print("simran s113")
[1] "simran s113"
> |
```
- Console:** Shows the R session history with commands like library(psych), data1 <- data_full[, c("track_popularity", "artist_popularity", "track_duration_min")], head(data1), summary(data1), describe(data1), and print("simran s113").