

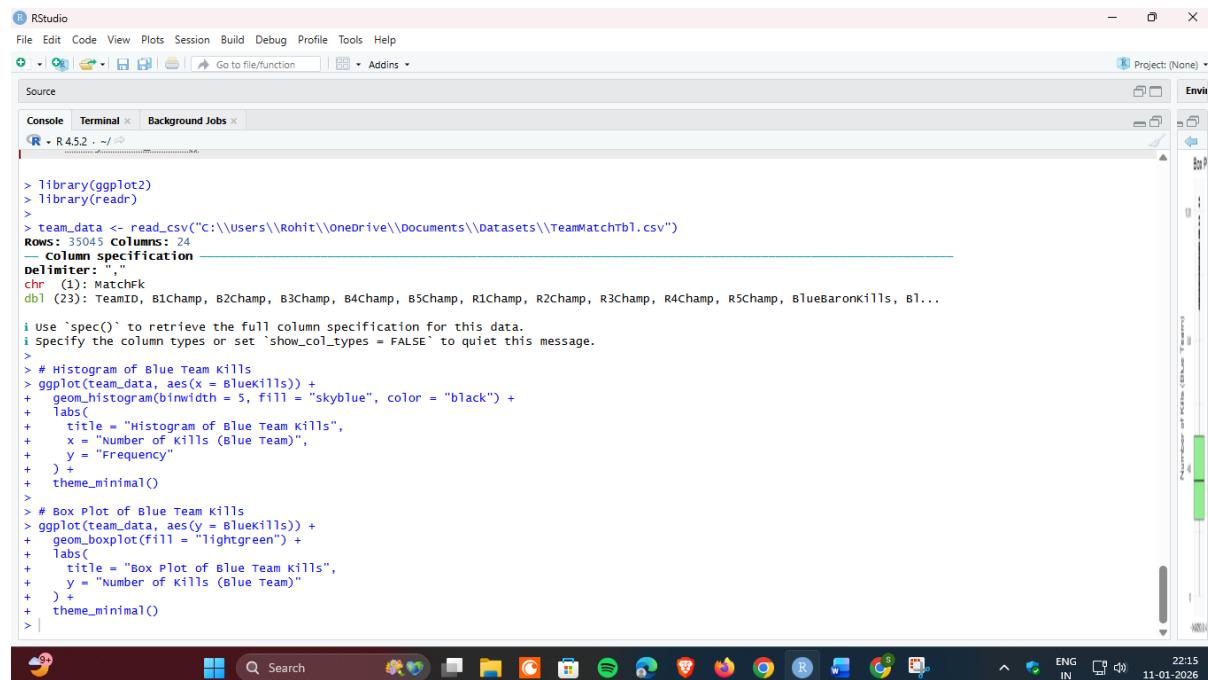
SHETH L.U.J AND SIR M.V. COLLEGE

SUBJECT :- DATA ANALYSIS OF SAS/SPSS/R

PRACTICAL – 10

AIM:- Generating histograms and box plots using ggplot2 (R).

OUTPUT:-



The screenshot shows the RStudio interface with the following R code in the Source pane:

```
> library(ggplot2)
> library(readr)
>
> team_data <- read_csv("C:\\users\\Rohit\\onedrive\\Documents\\Datasets\\TeamMatchTbl.csv")
Rows: 35045 Columns: 24
--- Column specification ---
Delimiter: ","
chr (1): MatchID, B1Champ, B2Champ, B3Champ, B4Champ, B5Champ, R1Champ, R2Champ, R3Champ, R4Champ, R5Champ, BlueBaronkills, Bl...
dbl (23): TeamID, B1Champ, B2Champ, B3Champ, B4Champ, B5Champ, R1Champ, R2Champ, R3Champ, R4Champ, R5Champ, BlueBaronkills, Bl...
use `spec()` to retrieve the full column specification for this data.
Specify the column types or set `show_col_types = FALSE` to quiet this message.
>
> # Histogram of Blue Team Kills
> ggplot(team_data, aes(x = BlueKills)) +
+   geom_histogram(binwidth = 5, fill = "skyblue", color = "black") +
+   labs(
+     title = "Histogram of Blue Team Kills",
+     x = "Number of Kills (Blue Team)",
+     y = "Frequency"
+   ) +
+   theme_minimal()
>
> # Box Plot of Blue Team Kills
> ggplot(team_data, aes(y = BlueKills)) +
+   geom_boxplot(fill = "lightgreen") +
+   labs(
+     title = "Box Plot of Blue Team Kills",
+     y = "Number of Kills (Blue Team)"
+   ) +
+   theme_minimal()
> |
```

The RStudio interface includes tabs for Console, Terminal, and Background Jobs. The Environment tab is selected in the top navigation bar. The bottom status bar shows the date as 11-01-2026 and the time as 22:15.

