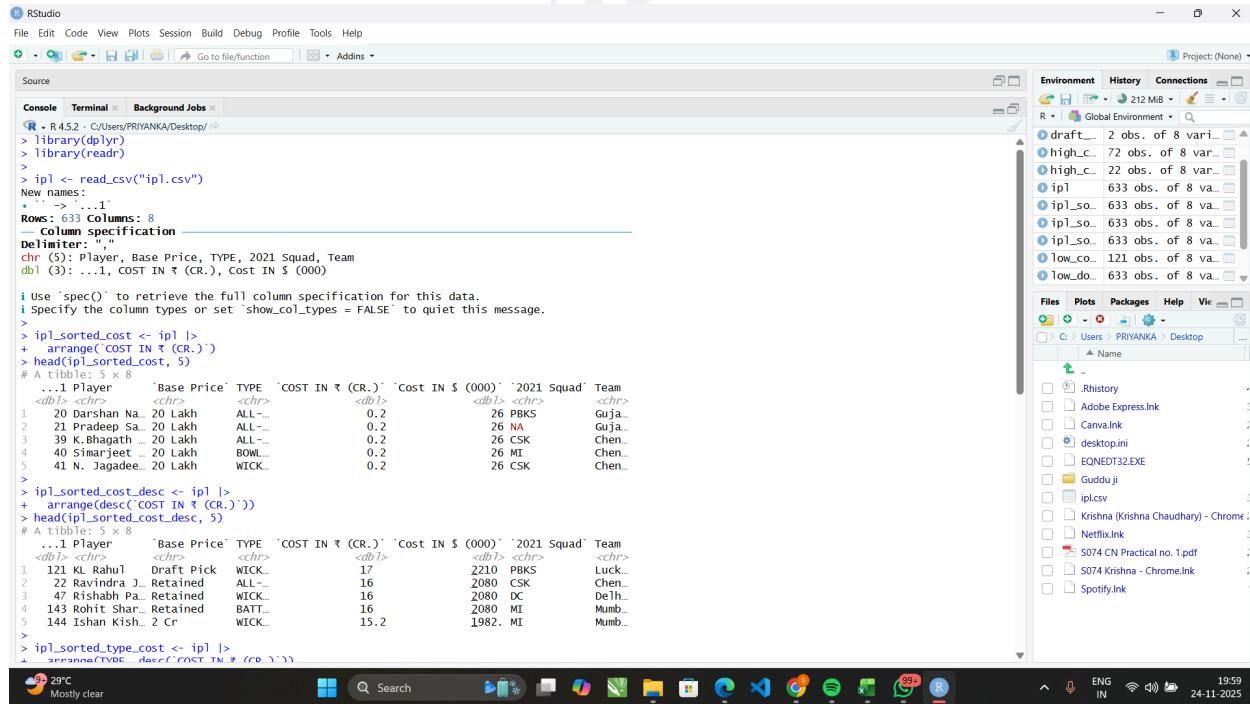


SHETH L.U.J AND SIR M.V. COLLEGE
SUBJECT NAME: DATA ANALYSIS WITH SAS/SPSS/R

Module 1 Practical 5

Aim: Applying conditional filters subset() or filter() in R.

OUTPUT:



The screenshot shows the RStudio interface with the following details:

- Console:** Displays R code and its output. The code reads a CSV file named "ipl.csv" and performs various operations like sorting by cost, arranging by cost, and filtering by team.
- Environment:** Shows a list of objects in the global environment, including "draft_," "high_," "high_c_," "ipl," "ipl_so_," "ipl_so_c_," "low_co_," and "low_do_."
- Plots:** No plots are present.
- Packages:** No packages are listed.
- Help:** No help pages are listed.
- Vie:** No views are listed.
- File Explorer:** Shows the file structure at "C:\Users\PRIYANKA\Desktop".
- Taskbar:** Shows system icons for battery, search, task manager, and other applications.
- System Tray:** Shows the date and time (24-11-2025), battery level (28%), and network status.

```
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Source Go to file/function Addins Project: (None)
Console Terminal Background Jobs
R 4.5.2 · C:/Users/PRIYANKA/Desktop
> library(dplyr)
> library(readr)
>
> ipl <- read_csv("ipl.csv")
New names:
 * --> ...1'
Rowwise: 633 Columns: 8
-- Column specification --
Delimiter: ","
chr (5): Player, Base Price, TYPE, `COST IN ₹ (CR.)`, `Cost IN $ (000)`, `2021 Squad`, Team
dbl (3): ...1, COST IN ₹ (CR.), COST IN $ (000)
# A tibble: 5 × 8
...1 Player `Base Price` TYPE `COST IN ₹ (CR.)` `Cost IN $ (000)` `2021 Squad` Team
<chr> <chr> <chr> <dbl> <dbl> <chr>
1 20 Darshan Na... 20 Lakh ALL--- 0.2 26 PBKS Guja...
2 21 Pradeep Sa... 20 Lakh ALL--- 0.2 26 NA Guja...
3 39 K.Bhagath ... 20 Lakh ALL--- 0.2 26 CSK Chen...
4 40 Simarjeet ... 20 Lakh BOWL... 0.2 26 MI Chen...
5 41 N. Jagadee... 20 Lakh WICK... 0.2 26 CSK Chen...
> ipl_sorted_cost <- ipl |>
+ arrange(`COST IN ₹ (CR.)`)
> head(ipl_sorted_cost, 5)
# A tibble: 5 × 8
...1 Player `Base Price` TYPE `COST IN ₹ (CR.)` `Cost IN $ (000)` `2021 Squad` Team
<chr> <chr> <chr> <dbl> <dbl> <chr>
1 121 Rishabh J... Draft Pick WICK... 17 2210 PBKS Luck...
2 21 Pradeep Sa... Retained ALL--- 16 2080 CSK Chen...
3 47 Rishabh Pa... Retained WICK... 16 2080 DC Dehi...
4 143 Rohit Shar... Retained BATT... 16 2080 MI Mumb...
5 144 Ishan Kish... 2 Cr. WICK... 15.2 1982 MI Mumb...
```

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

SUBJECT NAME: DATA ANALYSIS WITH SAS/SPSS/R

The screenshot shows the RStudio interface with the following details:

- Console:** Displays R code and its output. The code involves reading CSV files, filtering data, and creating tibbles. It includes operations like `filter(COST IN ₹ (Cr.) > 5)`, `arrange(Team)`, and `head(draft_cost_sorted_team)`.
- Environment:** Shows the global environment with various objects and their sizes (e.g., `draft_` 2 obs. of 8 vari..., `ipl` 633 obs. of 8 vari...).
- Plots:** No plots are visible in this screenshot.
- Packages:** Lists installed packages: R (4.5.2), tidyverse (2.12.1), dplyr (1.0.10), readr (2.1.2), purrr (0.3.4), tibble (3.1.6), stringr (1.5.0), dtplyr (0.1.0), and lubridate (0.8.2).
- Help:** Provides help documentation for various R functions.
- View:** Shows the current file path: C:\Users\PRIYANKA\Desktop.
- System Tray:** Shows weather (29°C, Mostly clear), system icons (Search, Task View, File Explorer, Edge, Spotify, Netflix, etc.), and system status (ENG IN, 24-11-2025, 19:59).