

MVLU COLLEGE

R PRACTICAL 12

Aim:Combining datasets vertically (concatenation) using rbind() (R).

Output:

The screenshot shows the RStudio interface with the following details:

- Console:** Displays the R code used to combine datasets. The code reads two CSV files ('FIRST' and 'SECOND'), renames columns, and uses dplyr functions like mutate and select to prepare them for concatenation. It then binds the datasets together using bind_rows.
- Environment:** Shows the global environment with various objects: combined_data (256 obs. of 6 variables), cricket (106 obs. of 9 variables), cricket_clean (106 obs. of 12 variables), cricket_data (106 obs. of 9 variables), cricket_df (106 obs. of 9 variables), data_feb (3 obs. of 3 variables), data_jan (3 obs. of 3 variables), and data_new_balls (3 obs. of 3 variables).
- Files:** Shows the file system with files like tuel_sales.csv, GIS DataBase, IISExpress, My Music, My Pictures, My Videos, My Web Sites, R, SM PRACTICAL - II 20.txt, SM PRACTICAL - II.txt, total_bills.csv, Virtual Machines, Visual Studio 2022, and WindowsPowerShell.
- System:** Shows the system status with a weather icon (28°C, Sunny), a search bar, and system icons.

The screenshot shows the RStudio interface with the following details:

- Console:** Displays the R code for combining datasets. It prints a summary of the combined data, showing 256 rows and 6 variables. It also prints the total combined rows (256) and a preview of the first few rows.
- Environment:** Shows the global environment with the same objects as the previous screenshot.
- Data View:** Displays the combined dataset as a table with columns: Player, Runs, SR, Against, and Venue. The data includes rows for players like Rashid Khan, Ankit Rajpoot, and Deepak Chahar, along with their respective statistics and venue information.
- Files:** Shows the file system with the same files as the previous screenshot.
- System:** Shows the system status with a weather icon (28°C, Sunny), a search bar, and system icons.

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The screenshot shows the RStudio interface with the following details:

- File Menu:** File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help.
- Console Tab:** Displays R code and its output. The code includes `head(combined_data)` and `tail(combined_data)`, showing data from various cricket matches across different venues like Rajiv Gandhi Intl. Cricket Stadium and Wankhede Stadium.
- Environment Tab:** Shows the global environment with objects like `combined_data` (256 obs. of 6 variables), `cricket` (106 obs. of 9 variables), and `data_feb` (3 obs. of 3 variables).
- Files Tab:** Shows the file structure under "Home". It includes files like `tue_sales.csv` (766 B, modified Sep 18, 2025, 8:35 AM), `R` folder, and several text files related to the practical.
- System Status Bar:** Shows the date (08-12-2025), time (11:27), and system status (ENG IN).