



Session 5: Data Manipulation in R

Assignment 1

ACADGILD

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Assignment

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1. Introduction In this assignment, you will get familiar with R

2. Objective

The objective of this course is to work with R

3. Prerequisites

Not applicable.

4. Associated Data Files

Download and read the [Olympic.csv](#) into R :

Data Set Description

The data set consists of the following fields:

Athlete: Name of the athlete

Age: Age of the athlete

Country: The name of the country participating in Olympics

Year: The year in which Olympics is conducted

Closing Date: Closing date of Olympics

Sport: Sports name

Gold Medals: No. of gold medals

Silver Medals: No. of silver medals

Bronze Medals: No. of bronze medals

Total Medals: Total no. of medals

5. Problem Statement

1. Consider only those participants who have all the data points
2. Rank the participants in terms of : • Swimming • Table Tennis • Shooting • Gymnastics • Total Medal
3. Rank the Categories in terms of Age.(Higher the Age,Higher the Rank)
4. Identify Year wise top participants in terms of : • Swimming • Table Tennis • Shooting • Gymnastics • Total Medal

6. Expected Output

7. Approximate Time to Complete Task

30 mins