

R Dataframe – Remove Duplicate Rows

In this tutorial, we will learn how to remove duplicate rows in R Dataframe.

To remove duplicate rows in R dataframe, use `unique()` function with the following syntax

```
newDataFrame =  
unique(redundantDataF  
  
newDataFrame = unique(redundantDataFrame)
```

where

- `redundantDataFrame` is the dataframe with duplicate rows.
- `newDataFrame` is the dataframe with all the duplicate rows removed.
- `unique` is the keyword.

Example – Remove Duplicate Rows in R Dataframe

In this example, we will create a dataframe with a duplicate row of another. We shall use `unique` function to remove these duplicate rows.

```
> DF1 =  
data.frame(C1= c(1, 5, 14, 1, 54), C2= c(9, 15, 85, 9, 42), C3= c(8, 7, 42, 8, 16))  
  
> DF1  
  C1 C2 C3  
1  1  9  8  
2  5 15  7  
3 14 85 42  
4  1  9  8  
5 54 42 16  
>
```

Row 1 and Row 4 are duplicates. When we run `unique()` function, it retains the first row which is original and any duplicates further in the dataframe are removed.

```
> DF2 = unique(DF1)  
> DF2
```

```
> DF2 = unique(DF1)
> DF2
  C1 C2 C3
1  1  9  8
2  5 15  7
3 14 85 42
5 54 42 16
>
```

Home - Get Started

- [R Tutorial](#)
- [R Script File](#)
- [R Working Directory](#)
- [R Data Types](#)
- [R Variables](#)
- [R Operators](#)
- [R Vectors](#)
- [R Matrix](#)

Decision Making

- [R Decision Making](#)
- [R if](#)
- [R if..else](#)
- [R if..else if...else](#)
- [R switch](#)

Loops

- [R Loops](#)
- [R repeat loop](#)
- [R while loop](#)
- [R for loop](#)
- [R break](#)

Strings

- [R Strings](#)
- [Find length of String in R](#)
- [Extract Substring from a String in R](#)

‡ Concatenate two or more Strings in R

Functions

‡ R Functions

DataFrame

‡ R Data Frame

‡ Sort R Data Frame by Column

‡ For each row in an R Data Frame

‡ Import Excel Data into R Dataframe

‡ Convert R Dataframe to Matrix

‡ R Dataframe - Delete Rows

‡ R Dataframe - Drop Columns

‡ R Dataframe - Add Column

‡ R Dataframe - Change Column Name

‡ R Dataframe - Remove Duplicate Rows

‡ R Dataframe - Replace NA with 0

‡ Convert Matrix to R Dataframe

Handling Data from Files

‡ R CSV Files - Read, Filter, Write

‡ R Read Excel XLS XLSX files

Charts & Graphs

‡ R Pie Charts

‡ R Line Graphs

Statistical Analysis

‡ R Mean of a Vector

‡ R Median of a Vector