

How can I remove multiple rows in R, and what are some examples of this process?

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In R, multiple rows can be removed from a dataset using the "subset" function or the "filter" function from the dplyr package. This process involves specifying the criteria for the rows to be removed, such as a specific value or condition, and then using the appropriate function to filter out those rows. For example, to remove all rows with a value of "NA" in a specific column, the subset function can be used with the condition "!= NA". Other examples include removing rows with a certain range of values or rows that meet a certain logical condition. This process is useful for data cleaning and manipulation, and can be applied to various types of datasets.

Remove Multiple Rows in R (With Examples)

You can use one of the following methods to remove multiple rows from a data frame in R:

Method 1: Remove Specific Rows

```
#remove rows 2, 3, and 4  
new_df <- df
```

Method 2: Remove Range of Rows

```
#remove rows 2 through 5  
new_df <- df
```

Method 3: Remove Last N Rows

```
#remove rows 4 through last row  
new_df <- df
```

The following examples show how to use each of these methods in practice with the following data frame:

```
#create data frame
```

```
df <- data.frame(team=c('A', 'B', 'C', 'D', 'E', 'F'),  
points=c(99, 90, 86, 88, 95, 99),  
assists=c(33, 28, 31, 39, 34, 24))
```

```
#view data frame
```

```
df
```

```
team points assists
```

```
1 A 99 33
```

```
2 B 90 28
```

```
3 C 86 31
```

```
4 D 88 39
```

```
5 E 95 34
```

```
6 F 99 24
```

Example 1: Remove Specific Rows

The following code shows how to remove rows 2, 3, and 4 from the data frame:

```
#define new data frame with rows 2, 3, 4 removed
```

```
new_df <- df
```

```
#view new data frame
```

```
new_df
```

```
team points assists
```

```
1 A 99 33
```

```
5 E 95 34
```

```
6 F 99 24
```

Notice that rows 2, 3, and 4 have all been removed from the data frame.

Example 2: Remove Range of Rows

The following code shows how to remove rows in the range of 2 through 5:

```
#define new data frame with rows 2 through 5 removed
```

```
new_df <- df
```

```
#view new data frame
```

```
new_df
```

```
team points assists
```

```
1 A 99 33
```

6 F 99 24

Notice that rows 2, 3, 4, and 5 have been removed.

Example 3: Remove Last N Rows

The following code shows how to remove rows 4 through the last row:

```
#remove rows 4 through last row
```

```
new_df <- df
```

```
#view new data frame
```

```
new_df
```

```
team points assists
```

```
1 A 99 33
```

```
2 B 90 28
```

```
3 C 86 31
```

Notice that row 4 and all rows after it have been removed.

Additional Resources