

How can I remove rows with any zeros in R, and could you provide an example?

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In R, rows with any zeros can be removed from a dataset by using the "complete.cases" function. This function identifies and removes rows that contain any missing values, including zeros. An example of this would be:

```
df
```

Remove Rows with Any Zeros in R (With Example)

You can use one of the following methods to remove rows with any zeros in a data frame in R:

Method 1: Remove Rows with Any Zeros Using Base R

```
df_new <- df
```

Method 2: Remove Rows with Any Zeros Using dplyr

```
library(dplyr)df_new <- filter_if(df, is.numeric,  
all_vars((.) != 0))
```

The following examples show how to use each method in practice with the following data frame:

```
#create data frame
```

```
df <- data.frame(points=c(5, 7, 8, 0, 12, 14, 0, 10, 8),  
assists=c(0, 2, 2, 4, 4, 3, 7, 6, 10),  
rebounds=c(8, 8, 7, 3, 6, 5, 0, 12, 11))
```

```
#view data frame
```

```
df
```

```
points assists rebounds
```

```
1 5 0 8
```

```
2 7 2 8
```

```
3 8 2 7
```

```
4 0 4 3
```

```
5 12 4 6
```

```
6 14 3 5
```

```
7 0 7 0
```

```
8 10 6 12
```

```
9 8 10 11
```

Example 1: Remove Rows with Any Zeros Using Base R

The following code shows how to remove rows with any zeros by using the function from base R:

```
#create new data frame that removes rows with any  
zeros from original data frame
```

```
df_new <- df
```

```
#view new data frame
```

```
df_new
```

points assists rebounds

2 7 2 8

3 8 2 7

5 12 4 6

6 14 3 5

8 10 6 12

9 8 10 11

Notice that the three rows with zero values in them have been removed.

Example 2: Remove Rows with Any Zeros Using dplyr

The following code shows how to remove rows with any zeros by using the `filter_if()` function from the `dplyr` package in R:

```
#create new data frame that removes rows with any  
zeros from original data frame
```

```
df_new <- filter_if(df, is.numeric, all_vars((.) != 0))
```

```
#view new data frame
```

```
df_new
```

points assists rebounds

1 7 2 8

2 8 2 7

3 12 4 6

4 14 3 5

5 10 6 12

6 8 10 11

Notice that the three rows with zero values in them have been removed.

This matches the result that we got using base R.

Note: We used the `is.numeric` function to specify that all numeric variables in the data frame must be non-zero.