

How can I remove NAs from a plot in ggplot2?

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The process of removing NAs (missing values) from a plot in ggplot2 involves using the `na.omit()` function to filter out any rows with NAs in the dataset, and then using the resulting clean dataset to create the plot. This ensures that the plot accurately represents the data without any missing values.

Remove NAs from Plot in ggplot2 (With Example)

You can use the following basic syntax to remove NA values from a plot in ggplot2:

```
library(ggplot2)
```

```
ggplot(data=subset(df, !is.na(this_column)),  
aes(x=this_column)) +  
geom_bar()
```

This particular example creates a bar plot and removes any rows in the data frame where an NA value occurs in the column called `this_column`.

The following example shows how to use this syntax in practice.

Example: Remove NAs from Plot in ggplot2

Suppose we have the following data frame that contains information on the number of points scored by

basketball players on various teams:

#create data frame

```
df <- data.frame(team=c('A', 'A', NA, NA, 'B', 'B', 'B', 'B'),  
points=c(22, 29, 14, 8, 5, 12, 26, 36))
```

#view data frame

df

team points

1 A 22

2 A 29

3 <NA> 14

4 <NA> 8

5 B 5

6 B 12

7 B 26

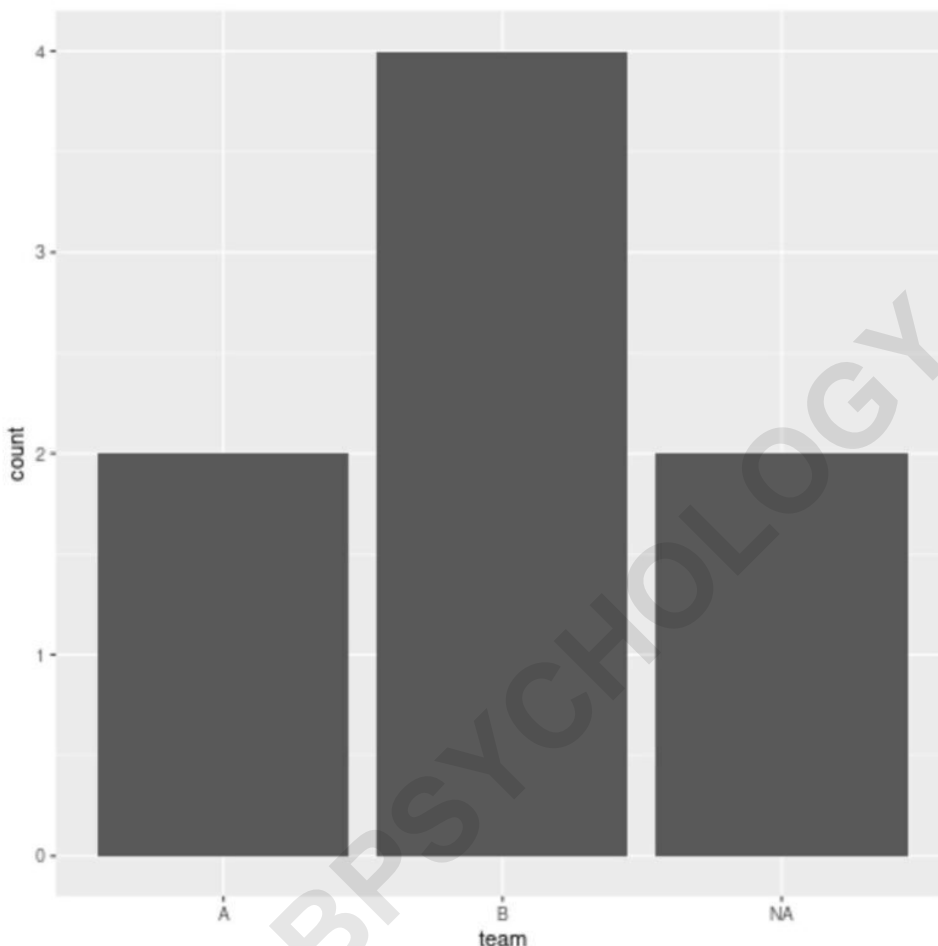
8 B 36

Now suppose we attempt to create a bar plot in ggplot2 to visualize the number of occurrences of each team:

```
library(ggplot2)
```

```
#create bar plot to visualize occurrences by team
```

**ggplot(df, aes(x=team)) +
geom_bar()**



Notice that the plot automatically creates a bar to display the occurrences of NA values in the team column.

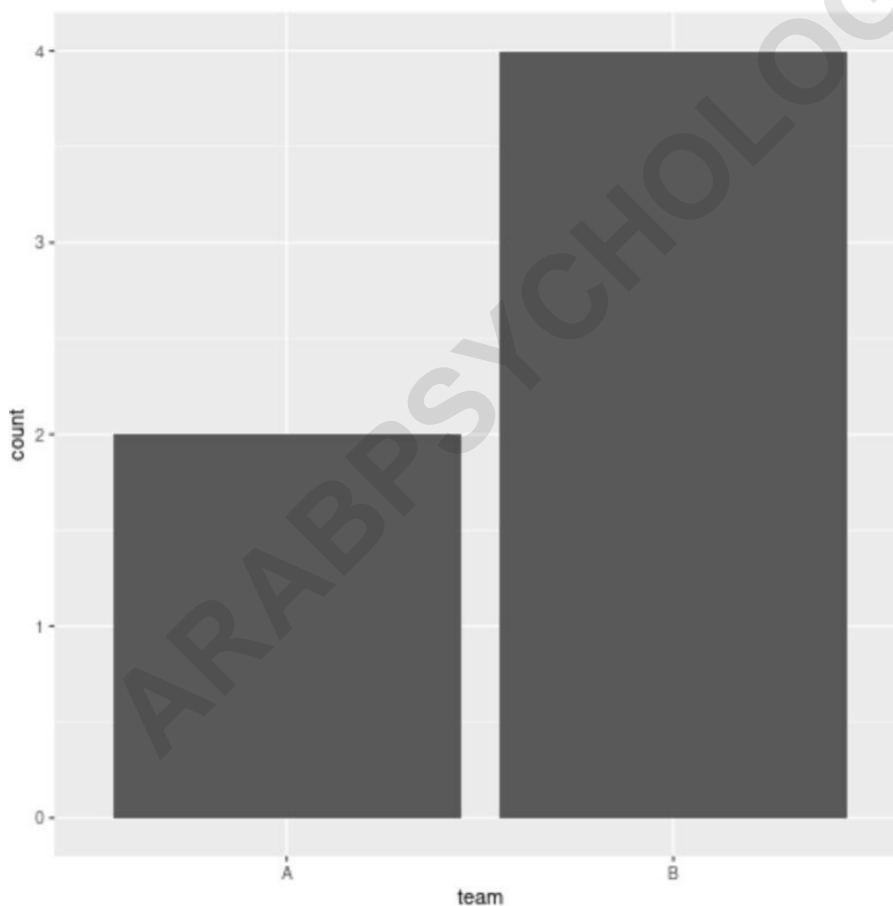
To remove this bar from the plot, we can use the `subset()` function to subset the data frame to only include rows where the value in the team column is not

NA:

```
library(ggplot2)
```

```
#create bar plot to visualize occurrences by team and  
remove NA
```

```
ggplot(data=subset(df, !is.na(team)), aes(x=team)) +  
geom_bar()
```



This bar plot still displays the number of occurrences for the values 'A' and 'B' in the team column but it no

longer includes a bar to display the number of occurrences for NA values.

The following tutorials explain how to perform other common tasks in ggplot2:

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