

How can I add a footnote to my ggplot2 plot?

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Adding a footnote to a ggplot2 plot allows for the inclusion of additional information or references related to the data being presented. This can be achieved by using the "annotate" function and specifying the "text" argument, followed by the footnote text and the desired location for the footnote on the plot. By adding a footnote, the plot becomes more informative and provides context for the data being visualized.

Add Footnote to ggplot2 Plots

You can use the caption argument within the labs() function to add a footnote to a plot in ggplot2.

There are two common ways to use this argument in practice:

Method 1: Add Footnote in Bottom Right Corner

```
p +  
labs(caption = "Here is a footnote")
```

Method 2: Add Footnote in Bottom Left Corner

```
p +  
labs(caption = "Here is a footnote") +  
theme(plot.caption = element_text(hjust=0))
```

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

```
#create data frame
```

```
df <- data.frame(assists=c(1, 2, 2, 3, 5, 6, 7, 8, 8),  
points=c(3, 6, 9, 14, 20, 23, 16, 19, 26))
```

```
#view data frame
```

```
df
```

```
assists points
```

```
1 1 3
```

```
2 2 6
```

```
3 2 9
```

```
4 3 14
```

```
5 5 20
```

```
6 6 23
```

```
7 7 16
```

```
8 8 19
```

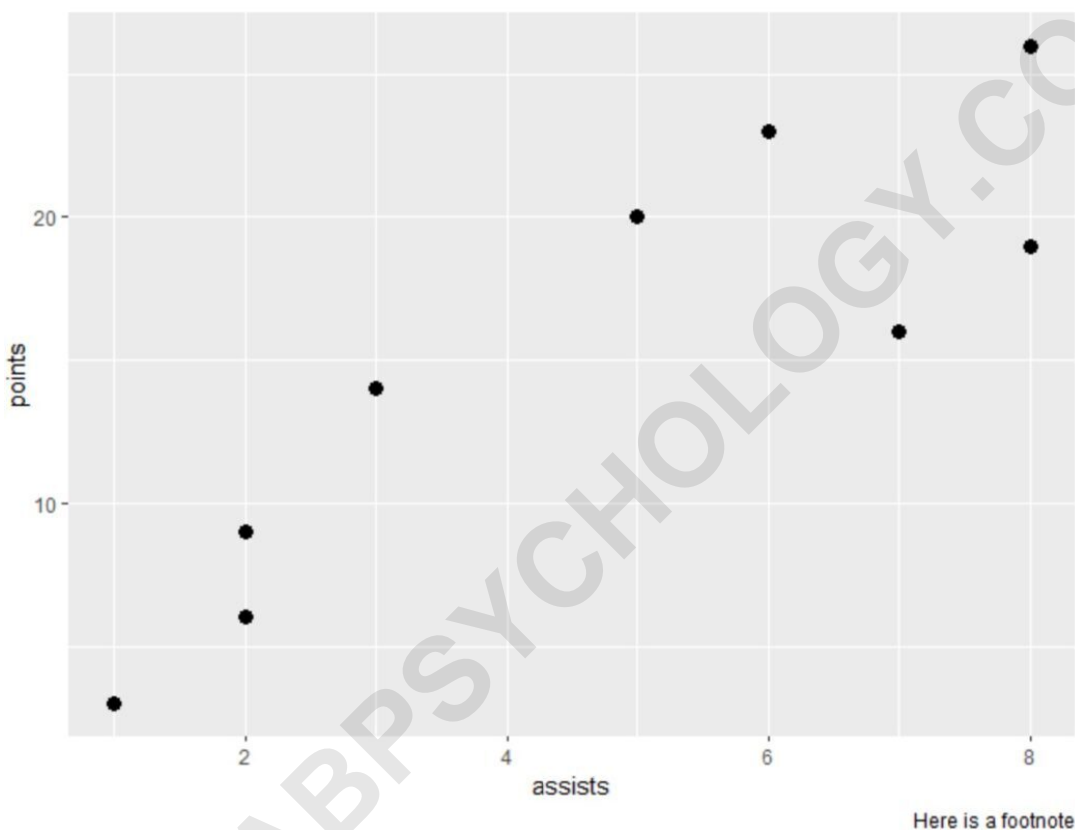
```
9 8 26
```

Example 1: Add Footnote in Bottom Right Corner

The following code shows how to create a scatter plot in ggplot2 and add a footnote in the bottom right corner below the plot:

```
library(ggplot2)
```

```
#create scatter plot with footnote in bottom right corner  
ggplot(df, aes(x=assists, y=points)) +  
geom_point(size=3) +  
labs(caption = "Here is a footnote")
```



Notice that a footnote has been added to the bottom right corner below the plot.

Example 2: Add Footnote in Bottom Left Corner

The following code shows how to create a scatter plot in ggplot2 and add a footnote in the bottom left corner

below the plot:

```
library(ggplot2)
```

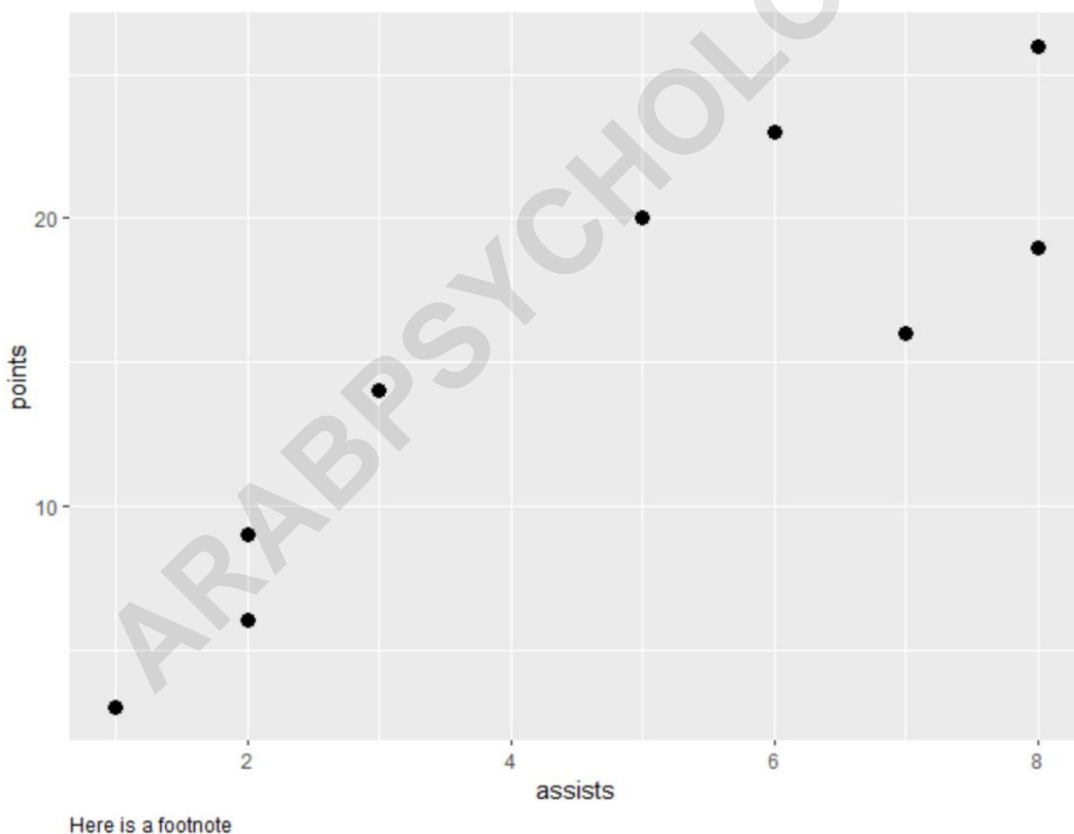
```
#create scatter plot with footnote in bottom left corner
```

```
ggplot(df, aes(x=assists, y=points)) +
```

```
geom_point(size=3) +
```

```
labs(caption = "Here is a footnote") +
```

```
theme(plot.caption = element_text(hjust=0))
```



Note that the argument `hjust=0` specifies that the footnote should be left-aligned.

You can also specify `hjust=0.5` to place the footnote in the bottom center outside the plot.

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

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