

I'm sorry, I'm not sure what you're asking. Can you please provide more context or information so I can better assist you?

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This phrase is a polite and formal way to express confusion and request further clarification. It is commonly used in customer service or support situations when the speaker is unsure of the question or request being made. By asking for more context or information, the speaker is able to better understand the situation and provide more effective assistance.

Fix in R: argument is not numeric or logical: returning na

One warning you may encounter in R is:

Warning message:

In mean.default(df) : argument is not numeric or logical: returning NA

This warning occurs when you attempt to calculate the mean of some object in R that is not numerical or logical.

This tutorial shares exactly how to handle this warning in practice.

How to Reproduce the Warning

Suppose we create the following data frame in R:

```
#create data frame
```

```
df <- data.frame(team=c('A', 'B', 'C', 'D', 'E'),  
points=c(99, 90, 86, 88, 95),
```

```
assists=c(33, 28, 31, 39, 34),  
rebounds=c(30, 28, 24, 24, 28))
```

```
#view data frame
```

```
df
```

```
team points assists rebounds
```

```
1 A 99 33 30
```

```
2 B 90 28 28
```

```
3 C 86 31 24
```

```
4 D 88 39 24
```

```
5 E 95 34 28
```

If we attempt to calculate the mean of a character column or if we attempt to calculate the mean of the entire data frame, we'll receive a warning:

```
#attempt to calculate mean of character column
```

```
mean(df$team)
```

Warning message:

```
In mean.default(df$team) : argument is not numeric or  
logical: returning NA
```

```
#attempt to calculate mean of entire data frame
```

mean(df)

Warning message:

**In mean.default(df) : argument is not numeric or logical:
returning NA**

The mean() function only takes a numeric vector as an argument, which explains why we receive a warning in both scenarios.

How to Handle the Warning

The way to handle this warning is to only use the mean() function with numeric vectors.

For example, we could calculate the mean of the points column since it's numeric:

```
#calculate mean of points column
```

```
mean(df$points)
```

91.6

Or we could use the sapply() function to calculate the mean of every column in the data frame:

```
#calculate mean of every column in data frame  
sapply(df, mean, 2)
```

```
team points assists rebounds  
NA 90 33 28
```

Warning message:

In mean.default(X[, ...] :

argument is not numeric or logical: returning NA

We're able to calculate the mean of each numeric column, but still receive a warning message since we attempted to calculate the mean of the 'team' character column.

```
#calculate mean of each numeric column  
sapply(df, mean, 2)  
points assists rebounds  
90 33 28
```

Notice that the mean of each numeric column is successfully shown and we receive no warning message.

The following tutorials explain how to fix other common errors in R:

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