

# Fix: ggplot2 doesn't know how to deal with data of class uneval?

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November 29, 2025

## RECOMMENDED CITATION

stats writer (2025). *Fix: ggplot2 doesn't know how to deal with data of class uneval?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=101542>

The fix for this issue is to convert the data of class `uneval` into a data frame that is compatible with `ggplot2`. This can be done by using the `as.data.frame()` function to convert the `uneval` class into a data frame that can be used in `ggplot2`. Once the data is converted, it can be used to create the desired charts or visuals.

One error you may encounter in R is:

### **Error: ggplot2 doesn't know how to deal with data of class uneval**

This error usually occurs when you attempt to use **ggplot2** to plot two data frames at once, but fail to use the **data** argument within the **geom\_line()** function.

This tutorial shares exactly how to fix this error.

## **How to Reproduce the Error**

Suppose we have two data frames in R that show the number of sales made during specific hours on various days:

**#create first data frame**

```
df <- data.frame(date=c(1, 1, 1, 2, 2, 2, 3, 3, 3),  
hour=c(1, 2, 3, 1, 2, 3, 1, 2, 3),  
sales=c(2, 5, 7, 5, 8, 12, 10, 14, 13))
```

**#view data frame**

```
head(df)
```

```
date hour sales
```

```
1 1 1 2
```

```
2 1 2 5
```

```
3 1 3 7
```

```
4 2 1 5
```

```
5 2 2 8
```

```
6 2 3 12
```

**#create second data frame**

```
df_new <- data.frame(date=c(4, 4, 4, 5, 5, 5),  
hour=c(1, 2, 3, 1, 2, 3),  
sales=c(12, 13, 19, 15, 18, 20))
```

**#view data frame**

```
head(df_new)
```

```
date hour sales
```

```
1 4 1 12
```

```
2 4 2 13
```

```
3 4 3 19
```

```
4 5 1 15
```

```
5 5 2 18
```

```
6 5 3 20
```

Now suppose we attempt to create a line chart to visualize the sales grouped by day and hour, using the color blue for the first data frame and red for the second data frame:

```
library(ggplot2)
```

```
#attempt to create line chart
```

```
ggplot(df, aes(x=hour, y=sales, group=date)) +
```

```
geom_line(color='blue') +
```

```
geom_line(df_new, aes(x=hour, y=sales, group=date), color='red')
```

Error: ggplot2 doesn't know how to deal with data of class uneval

We receive an error because we failed to use the **data** argument within the second **geom\_line()** function.

## How to Fix the Error

The way to fix this error is to simply type out data within the second **geom\_line()** argument so that R knows which data frame we're attempting to plot.

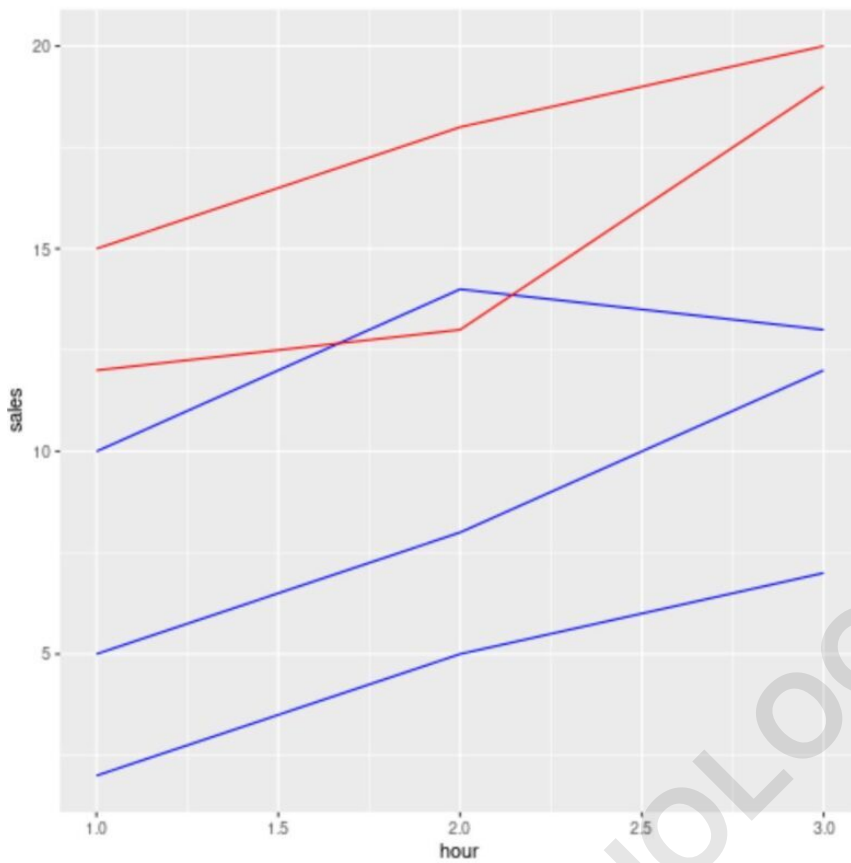
```
library(ggplot2)
```

```
#create line chart
```

```
ggplot(df, aes(x=hour, y=sales, group=date)) +
```

```
geom_line(color='blue') +
```

```
geom_line(data=df_new, aes(x=hour, y=sales, group=date), color='red')
```



Notice that we're able to create the line chart successfully without any error this time.

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