

Why am I getting the error “invalid factor level, NA generated” when using the Fix function in R?

Authored by
stats writer

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RECOMMENDED CITATION

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The "invalid factor level, NA generated" error occurs in R when the Fix function is used on a data set that contains invalid or missing factor levels. This error is generated because R is unable to assign a valid level to the factor variable. To resolve this error, it is important to identify and correct any invalid or missing factor levels in the data set before using the Fix function.

Fix in R: invalid factor level, NA generated

One warning message you may encounter when using R is:

Warning message:

```
In ` = c('C', 100)
```

Warning message:

```
In ` = c('C', 100)
```

```
#convert team variable back to factor
```

```
df$team <- as.factor(df$team)
```

```
#view updated data frame
```

```
df
```

```
team points
```

```
1 A 99
```

```
2 A 90
```

```
3 B 86
```

```
4 B 88
```

5 B 95

6 C 100

Notice that we're able to successfully add a new row to the end of the data frame and we avoid a warning message.

**#view structure of updated data frame
str(df)**

'data.frame': 6 obs. of 2 variables:

\$ team : Factor w/ 3 levels "A","B","C": 1 1 2 2 2 3

\$ points: chr "99" "90" "86" "88" ...

Additional Resources

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