

# Learning ggplot2 with Swirl

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## 8. GGPlot2 Part1

```
Console Terminal x Jobs x
R 4.1.0 . ~/
| That's correct!
|=====| 95%
| True or False? The user must specify x- and y-axis labels when using qplot.
1: False
2: True
Selection: 1
| You got it right!
|=====| 98%
| Congrats! You've finished plot 1 of ggplot2. In the next lesson the plot thickens.
...
|=====| 100%
| Would you like to receive credit for completing this course on Coursera.org?
1: Yes
2: No
Selection: 2
| You got it!
| You've reached the end of this lesson! Returning to the main menu...
| Please choose a course, or type 0 to exit swirl.
1: Exploratory Data Analysis
2: R Programming E
3: Take me to the swirl course repository!
Selection: |
```

## 9. GGPlot2 Part2

```
Console Terminal x Jobs x
R 4.1.0 . ~/
| to the function labs with 3 arguments. These are x set to "Displacement", y set to
| "Highway Mileage", and title set to "Swirl Rules!".
> g + geom_point() + facet_grid(drv~cyl, margins = TRUE) + geom_smooth(method = "lm", se= FALS
E, size = 2, color = "black") + labs(x= "Displacement", y = "Highway Mileage", title = "Swirl R
ules!")
`geom_smooth()` using formula 'y ~ x'
| Keep up the great work!
|=====| 98%
| You could have done these labels with separate calls to labs but we thought you'd be sick
| of this by now. Anyway, congrats! You've concluded part 2 of ggplot2. We hope you got
| enough mileage out of the lesson. If you like ggplot2 you can do some extras with the
| extra lesson.
...
|=====| 100%
| Would you like to receive credit for completing this course on Coursera.org?
1: No
2: Yes
Selection: 1
| Perseverance, that's the answer.
| You've reached the end of this lesson! Returning to the main menu...
| Please choose a course, or type 0 to exit swirl.
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3: Take me to the swirl course repository!
Selection: |
```

## 10. GGPlot2 Extras

```
Console Terminal Jobs
R 4.1.0 ~/...
===== | 96%
| Lastly, ggplot2 can, of course, produce boxplots. This final exercise is the sum of 3
| function calls. The first call is to ggplot with 2 arguments, diamonds and a call to aes
| with carat and price as arguments. The second call is to geom_boxplot with no arguments.
| The third is to facet_grid with one argument, the formula . ~ cut. Try this now.
> ggplot(diamonds, aes(x=carat, y = price)) + geom_boxplot() + facet_grid(. ~ cut)
Warning message:
Continuous x aesthetic -- did you forget aes(group=...)?
| Great job!
===== | 98%
| Yes! A boxplot looking like marshmallows about to be roasted. Well done and
| congratulations! You've finished this jewel of a lesson. Hope it payed off!
...
===== | 100%
| Would you like to receive credit for completing this course on Coursera.org?
1: No
2: Yes
Selection: 1
| Great job!
| You've reached the end of this lesson! Returning to the main menu...
| Please choose a course, or type 0 to exit swirl.
1: Exploratory Data Analysis
2: R Programming E
3: Take me to the swirl course repository!
Selection: |
```