Question 1

(1/1 point)

You want to plot the gross horsepower (hp) against 1/4 mile time (qsec) from the motor trend card road tests data (mtcars) and add a linear model fitted against the data.

Which command should you use?

- qplot(hp, qsec, data=mtcars)
- qplot(hp, qsec, data=mtcars, geom=c("point","smooth"))
- qplot(hp, qsec, data=mtcars, geom=c("point","smooth"), method="lm") ✔
- qplot(hp, qsec, data=mtcars, geom=c("point"), method="lm")

EXPLANATION

You have used 1 of 2 submissions

Question 2

(1/1 point)

You want to plot the gross horsepower (hp) against 1/4 mile time (qsec) from the motor trend card road tests data (mtcars) and fit a linear model against the data. You want to identify the different number of cylinders (cyl) each car has in the plot.

Which two parameters could you define to do that?

- [x] color ✔
- [x] facets ✔
- [ ] log
- [ ] Main

✔

Note: Make sure you select all of the correct options—there may be more than one!

EXPLANATION

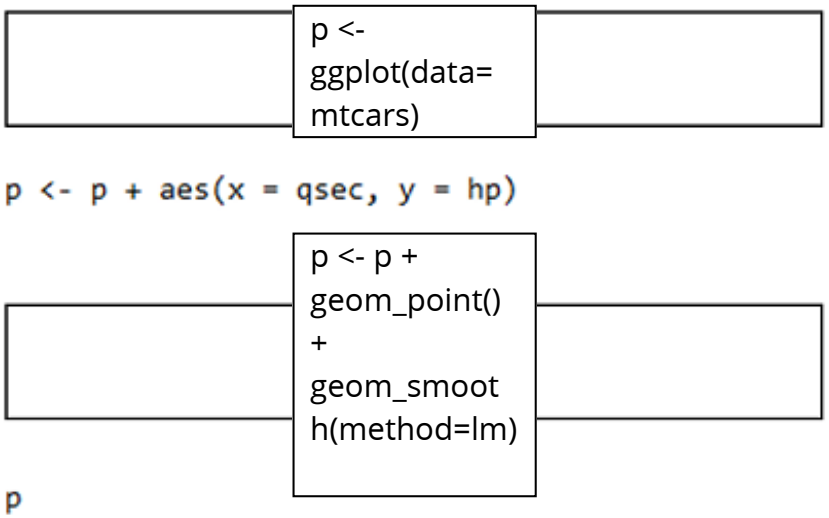
You have used 1 of 2 submissions

Question 3

(1/1 point)

You want to plot the gross horsepower (hp) against 1/4 mile time (qsec) from the motor trend card road tests data (mtcars) and fit a linear model against the data.

Which command should you use?



	p <- qplot(data=mtcars)	p <- p + qplot(geom=c("point","smooth"), method="lm")	

Note: If you have dragged an answer to a box and then wish to change your selection, you must first drag the answer out of the box before dragging in a new one.

You have used 1 of 2 submissions

Question 4

(1/1 point)

Consider the airquality dataset. Which two commands you could use to generate histograms of the Temp data?

- [ ] hist(Temp, data=airquality, breaks=10)
- [x] hist(airquality$Temp, breaks=10) ✔
- [x] qplot(Temp, data=airquality, binwidth=5) ✔
- [ ] qplot(airquality$Temp, binwidth=5)

✔

Note: Make sure you select all of the correct options—there may be more than one!

EXPLANATION

You have used 1 of 2 submissions

Question 5

(1/1 point)

Consider the following code.blem as a model.

```
x<-rnorm(1000, mean=-5)
plot(density(x))
```

Which two commands could you use to generate similar plot using the ggplot2 package?

- [ ] ggplot(data=x) + geom_density()
- [x] ggplot() + aes(x = x) + geom_density() ✔
- [ ] qplot(x)
- [x] qplot(x, geom = "density") ✔

✔

Note: Make sure you select all of the correct options—there may be more than one!

EXPLANATION

You have used 1 of 2 submissions