Exploratory Data Analysis- Data Science - Quiz 1 - Coursera

Exploratory Data Analysis Quiz 1

This is Quiz 1 from the Exploratory Data Analysis course

Questions

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1. Which of the following is a principle of analytic graphics?

- **Show causality, mechanism, explanation**

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2. What is the role of exploratory graphs in data analysis?

- **They are typically made very quickly.**

```
library(jpeg)


download.file("https://d396qusza40orc.cloudfront.net/getdata%2Fjeff.jpg", destfile = "quiz2jpeg.jpg")
jpgdat = readJPEG("quiz2jpeg.jpg", native = TRUE)
quantile(jpgdat, probs = c(0.3, 0.8))
##       30%       80% 
## -15259150 -10575416
```

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3. Which of the following is true about the base plotting system?

- **Plots are created and annotated with separate functions**

4. Which of the following is an example of a valid graphics device in R?

- **A PDF file**

5. Which of the following is an example of a vector graphics device in R?

- **SVG**

6. Bitmapped file formats can be most useful for

- **Scatterplots with many many points**

7. Which of the following functions is typically used to add elements to a plot in the base graphics system?

- **text()**

8. Which function opens the screen graphics device for the Mac?

- **quartz()**

9. What does the ‘pch’ option to par() control?

- **the plotting symbol/character in the base graphics system**

10. If I want to save a plot to a PDF file, which of the following is a correct way of doing that?

- **Construct the plot on the screen device and then copy it to a PDF file with dev.copy2pdf()**