



## Lesson 3: Explore One Variable



- ✓ 17. Quiz: Tenure
- ✓ 18. Labeling Plots
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- ✓ 20. The Spread of Memes
- ✓ 21. Lada's Money Bag Meme
- ✓ 22. Quiz: Transforming Data
- 23. Add a Scaling Layer
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- ★ 25. Quiz: Likes on the Web
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- ★ 28. Quiz: Getting Logical
- ★ 29. Quiz: Analyzing One Variable

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## Transforming Data



### Start Quiz

Around 0:25 Chris mentions that the data is over-dispersed. "Over-dispersed" is always relative to some particular posited distribution. For example, data might be over-dispersed compared with a Poisson distribution with that mean.

### Create Multiple Plots in One Image Output

### Add Log or Sqrt Scales to an Axis

### Assumptions of Linear Regression

### Normal Distribution

You need to run the following lines of code before trying to create all three histograms on one plot.

```
install.packages('gridExtra')  
library(gridExtra)
```

### Log Transformations of Data

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Transforming Data

discussion with the Udacity Community.

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NEXT

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