

# ASSIGNMENT 4

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## Markdown Basics

### Favorite Foods

1. Biryani
2. Chicken Wings
3. Thai Basil Shrimp Fried Rice

### Images

### Add a Quote

Keep moving forward!!!

### Add an Equation

$$Pr(\theta|y) = \frac{Pr(y|\theta)Pr(\theta)}{Pr(y)}$$

### Add a Footnote

Bayes rule

### Add Citations

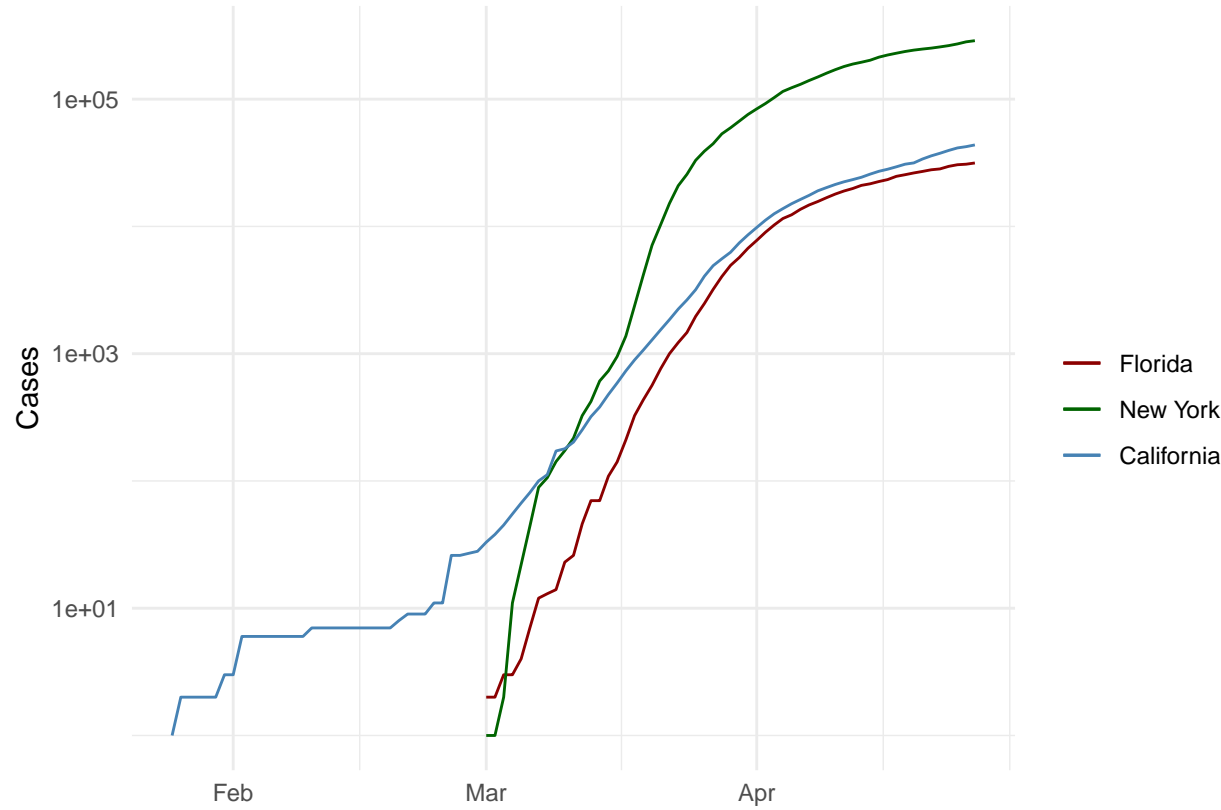
- Lander, J. P. (2017). R For Everyone
- Field, A. P., Miles, J., & Field, Z. (2012). Discovering statistics using R.

## Inline Code

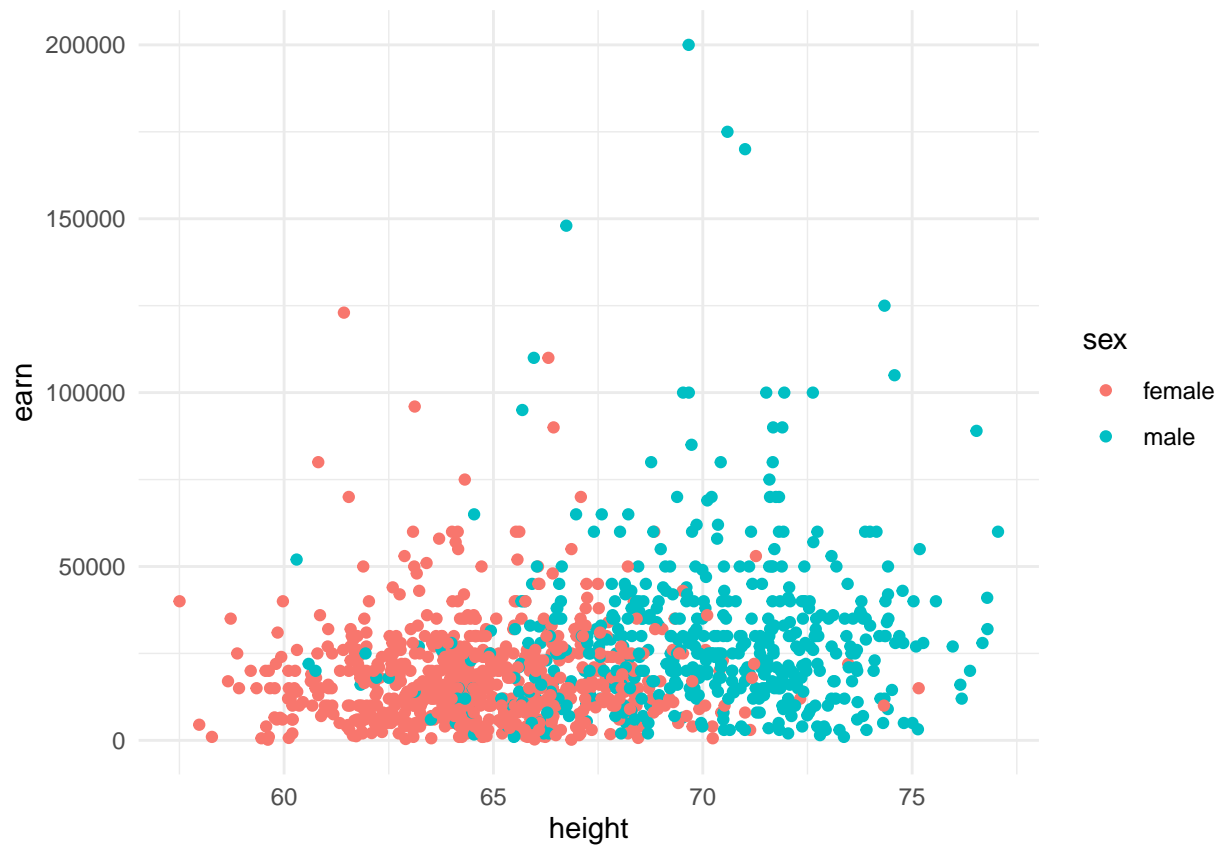


Figure 1: All Cases (Log Plot)

NY Times COVID-19 Data



## R4DS Height vs Earnings



## Tables

### Knitr Table with Kable

Table 1: Table 1:One Ring to Rule Them All

| name      | race   | in_fellowship | ring_bearer | age  |
|-----------|--------|---------------|-------------|------|
| Aragon    | Men    | TRUE          | FALSE       | 88   |
| Bilbo     | Hobbit | FALSE         | TRUE        | 129  |
| Frodo     | Hobbit | TRUE          | TRUE        | 51   |
| Galadriel | Elf    | FALSE         | FALSE       | 7000 |
| Sam       | Hobbit | TRUE          | TRUE        | 36   |
| Gandalf   | Maia   | TRUE          | TRUE        | 2019 |
| Legolas   | Elf    | TRUE          | FALSE       | 2931 |
| Sauron    | Maia   | FALSE         | TRUE        | 7052 |
| Gollum    | Hobbit | FALSE         | TRUE        | 589  |

### Pandoc Table

| Name      | Race   | In Fellowship? | Is Ring Bearer? | Age  |
|-----------|--------|----------------|-----------------|------|
| Aragon    | Men    | TRUE           | FALSE           | 88   |
| Bilbo     | Hobbit | FALSE          | TRUE            | 129  |
| Frodo     | Hobbit | TRUE           | TRUE            | 51   |
| Galadriel | Elf    | FALSE          | FALSE           | 7000 |
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| Gandalf   | Maia   | TRUE           | TRUE            | 2019 |

## References

- Field, A., J. Miles, and Z. Field. 2012. *Discovering Statistics Using r*. SAGE Publications. <https://books.google.com/books?id=wd2K2zC3swIC>.
- Lander, J. P. 2014. *R for Everyone: Advanced Analytics and Graphics*. Addison-Wesley Data and Analytics Series. Addison-Wesley. <https://books.google.com/books?id=3eBVAgAAQBAJ>.