ASSIGNMENT 4

Guruprasad Velikadu Krishnamoorthy

2023-01-22

# Markdown Basics

## Favorite Foods

1. Thai Pineapple Fried Rice
2. Penne Pasta with Marina sauce
3. Chipotle Veggie Bowl

## Images



All Cases (Log Plot)

## Add a Quote

Life is what happens when you're busy making other plans. -John Lennon

## Add an Equation

=

## Add a Footnote

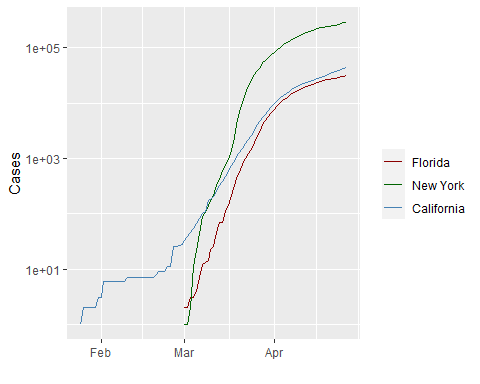
This is a footnote. [[1]](#footnote-27)

## Add Citations

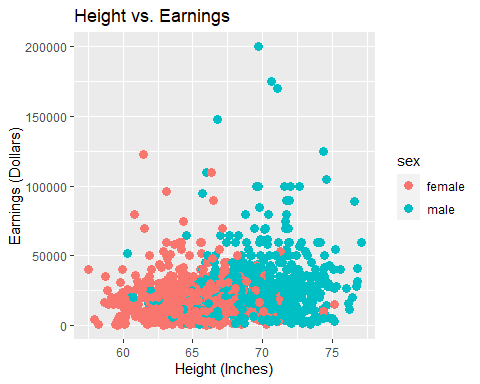
* R for Everyone (Lander 2014)
* Discovering Statistics Using R (Field, Miles, and Field 2012)

# Inline Code

## NY Times COVID-19 Data



## R4DS Height vs Earnings



# Tables

## Knitr Table with Kable

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

### Building a pipe table

| Name | Race | In Fellowship? | Is Ring Bearer? | Age |
| --- | --- | --- | --- | --- |
| Aragon | Men | Yes | No | 88 |
| Bilbo | Hobbit | No | Yes | 129 |
| Frodo | Hobbit | Yes | Yes | 51 |
| Sam | Hobbit | Yes | Yes | 36 |
| Sauron | Maia | No | Yes | 7052 |

### Building a Multiline table using Pandoc

-----------------------------------------------------------  
Name Race In Fellowship? Is Ring Bearer? Age   
-------- -------- ---------------- ----------------- ------  
Aragon Men Yes No 88   
  
Bilbo Hobbit No Yes 129   
  
Frodo Hobbit Yes Yes 51   
  
Sam Hobbit Yes Yes 36   
  
Sauron Maia No Yes 7052   
-----------------------------------------------------------

# 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>.

1. This is a footnote in R Markdown [↑](#footnote-ref-27)