

FOUNDATIONS OF STATISTICAL INFERENCE AND HOW TO DO IT

This is a Subtitle That is Sort of Long

August 08, 2017

Aaron R. Baggett, Ph.D.

University of Mary Hardin-Baylor
PSYC 0000: Title



SECTION SLIDE

- List
- List
 - Subitem
 - Subitem

R CODE

R CODE

```
head(diamonds)
```

```
## # A tibble: 6 x 10
##   carat      cut color clarity depth table price      x      y      z
##   <dbl>    <ord> <ord>   <ord> <dbl> <dbl> <int> <dbl> <dbl> <dbl>
## 1  0.23     Ideal   E      SI2   61.5   55   326   3.95   3.98   2.43
## 2  0.21     Premium E      SI1   59.8   61   326   3.89   3.84   2.31
## 3  0.23      Good   E      VS1   56.9   65   327   4.05   4.07   2.31
## 4  0.29     Premium I      VS2   62.4   58   334   4.20   4.23   2.63
## 5  0.31      Good   J      SI2   63.3   58   335   4.34   4.35   2.75
## 6  0.24 Very Good J      VVS2   62.8   57   336   3.94   3.96   2.48
```

```
with(diamonds, cor(carat, price))
```

```
## [1] 0.9215913
```

R PLOT

R PLOT

```
diamonds %>%  
  sample_n(100) %>%  
  ggplot(., mapping = aes(x = carat, y = price)) +  
    geom_point()
```

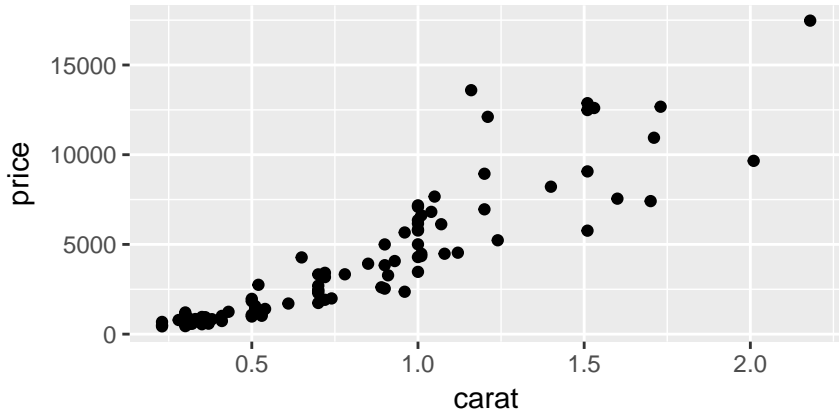


TABLE OF CONTENTS

1. Section Slide

2. R Code

3. R Plot