11. In the Boston Housing data set, what is the relationship between crime and housing prices? Please support your claims with exploratory analysis conducted in R. Does this relationship make sense? Justify your answer. IE: What are some reasons this relationship makes sense or does not make sense?

12. Based on your analysis of the Boston Housing data set, please provide an interpretation for the top 3 strongest absolute correlations. Offer some hypothesis as to why these correlations may be present.

13. Based on your analysis of the 90th%, 92.5th%, 95th%, 97.5th% and 99th% confidence intervals for the mean of passing yards, you should have noticed that the bounds of the confidence intervals increase as the percentile (90th%, 92.th%, etc) increases. In your own words, explain why this relationship exists.

14. Based on your anova of the food calorie counts, please state the null and alternative hypothesis and interpret the results of your anova.