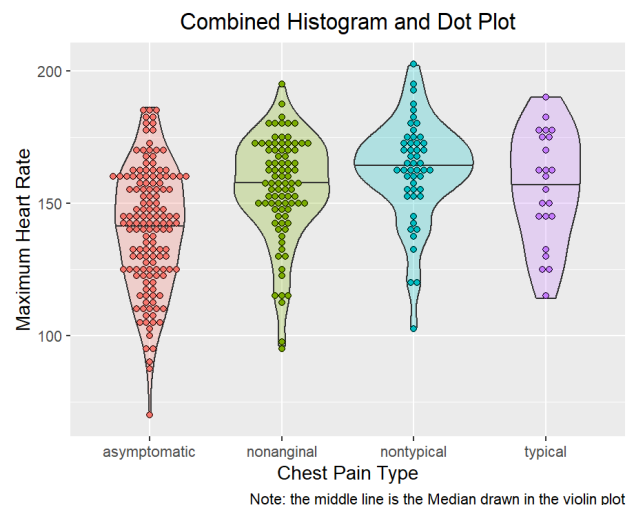
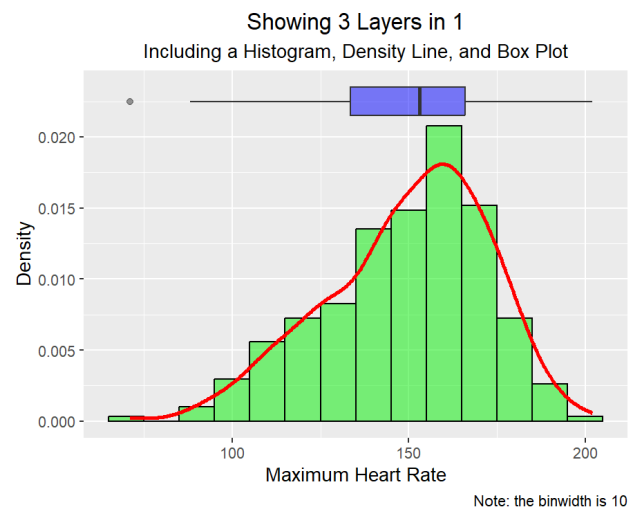

Lecture 6: Data Visualization with ggplot

Problem Set for Lecture 6

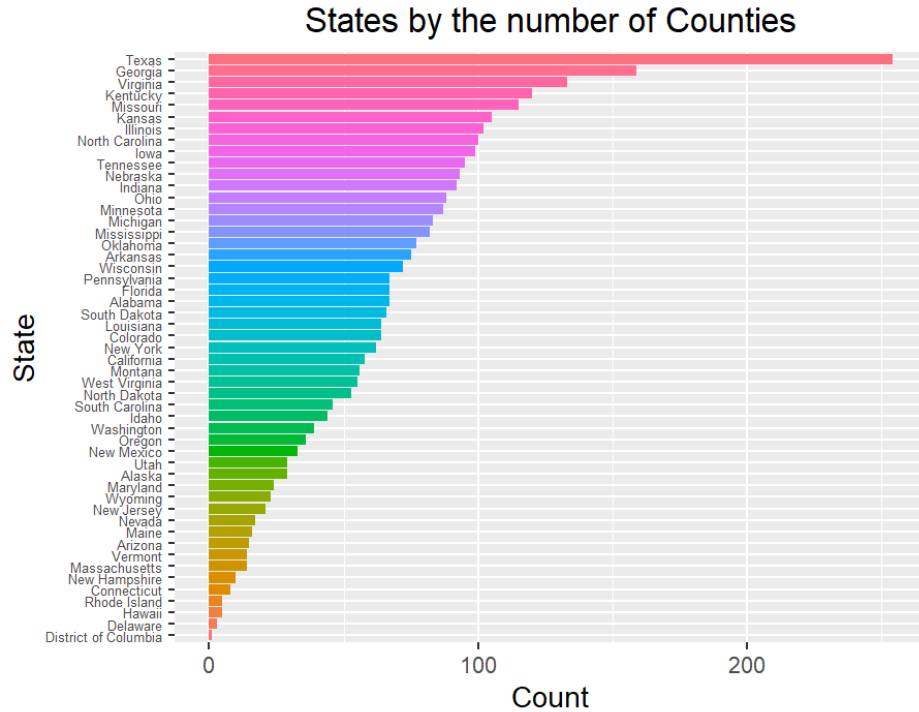
These questions will assist in bolstering your understanding of the material in Lecture 6. Emphasis should be placed on having the correct code/output as well as communication. The deliverable should be a knitted RMarkdown document to pdf without any code running off the page. You will be able to present these in office hours as an oral assessment interview along with the problem set for Lecture 5 and Lecture 7.

***** First, make sure you have read the Lecture Material's writeup *****

1. Replicate the following 2 visualizations using the `heart` dataset in the `MSMU` library **and** write a short paragraph describing what the visualization tells us about the data. Pay close attention to the small details of the visualization and try to match them.

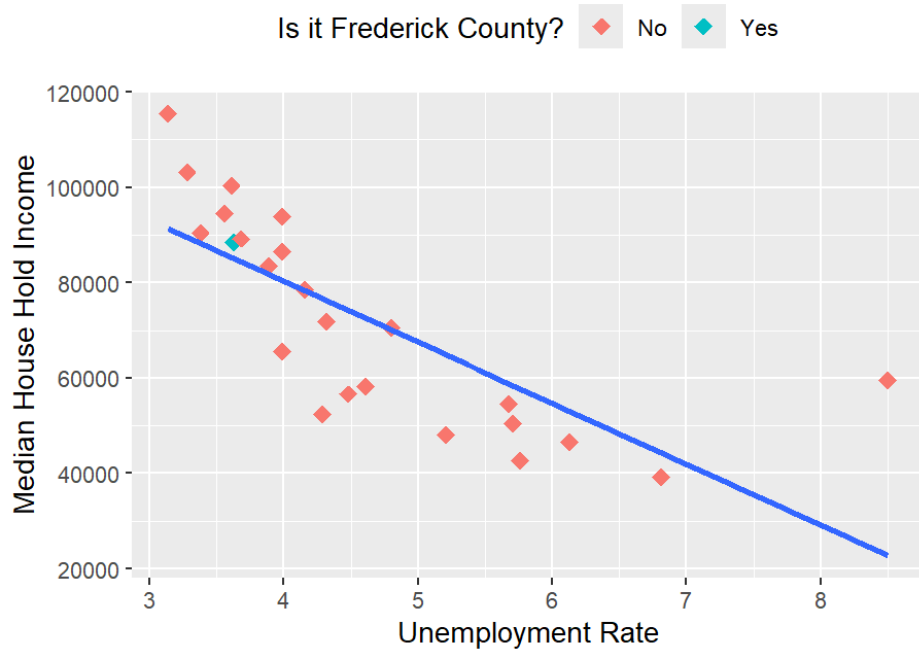


2. Replicate the following 2 visualizations using the county dataset in the `usdata` library **and** write a short paragraph describing what the visualization tells us about the data. Pay close attention to the small details of the visualization and try to match them.



Note: you can alter the size of the text on the axis within the theme layer

Counties in Maryland



Note: you can alter the point shape and size

3. Replicate the following 2 visualizations using the `diamonds` dataset in the `ggplot2` library **and** write a short paragraph describing what the visualization tells us about the data. Pay close attention to the small details of the visualization and try to match them.

