In Order of Completion -

Merge Excel Documents Python File

- Cancer.csv
- Cancer Occurrence.csv
- State.csv
- Created <u>CancerCombinedFile</u>

Created CancerCombinedFile2 and CancerCombinedFile3

• Edited down to one category - Female Genital System

Verification and Statistics of New Dataset

Turned CancerDataSet.R into CSV and EXCEL Files

- <u>CancerRename.csv</u>
- <u>CancerRename.xlsx</u>

Turned <u>CancerDataSet.R2</u> into <u>CSV and EXCEL2</u> Files

- CancerRecoded.csv
- CancerRecoded.xlsx

<u>Question 1</u> - Tameka - Is there a correlation between the percent population below poverty to race?

Question - Alison - Which race has the highest female cancer health concerns compared to the total population?

- ANCOVA Analysis
- One Way ANOVA Analysis
 - Visual Aids
 - First, Second, Third Histogram Transformations
 - <u>First</u> Boxplot
- Overall, Data is borderline normal after some Wrangling
- Caucasian is the answer to a brief PowerPoint (PDF file)

Question - Alison - Which race has the highest female cancer health concerns by each female genital system cancer?