Questions

Follow along and answer these questions as you work through the tutorial

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| GETTING STARTED |  |
| 1. Look at the top right: how many variables are visible? |  |
| 1. Compare labels between the two data rows.   How are school\_setting and classroom differently represented? |  |

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| MANAGING YOUR DATA |  |
| 1. Why is it important to set the range for the next tier up 1 greater than the upper extent of the previous range? |  |
| 1. Note how the Measure has changed from Scale to Nominal. Why did this happen? |  |
| 1. Which county has the highest population density? |  |
| 1. Which county has the lowest population density? |  |
| 1. How does the population desnity of the state of Washington compare with the county with the highest population density? |  |

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| ANALYZING DATA |  |
| 1. What is the standard deviation of median household income? |  |
| 1. What is the range of populations? |  |
| 1. How many counties have a median household income that is greater than 400% of the poverty level? |  |
| 1. What is the most frequently occurring classroom size? |  |
| 1. Which setting appears to have the largest classroom sizes generally? |  |
| 1. Which setting appears to have the smallest classroom sizes generally? |  |
| 1. What can you infer from these results? |  |
| 1. What does 0 represent? What does 1 represent? |  |
| 1. Which school type tends to have the highest classroom sizes? |  |
| 1. Which combination of school type and school setting has the largest classroom sizes? |  |
| 1. Which parings of comparisons are statistically significant? |  |
| 1. How can we interpret the presence of each mean being placed in different subsets? |  |