Questions Your Audience May Ask

Be able to answer the following questions:

When collecting your data, what methods did you use to accurately represent the results?

When you surveyed people did you did you use : random, systematic, or stratified sampling methods?

What is the difference between qualitative vs quantitative?

Were the people you surveyed representative of the group you wanted to study? Explain.

Did your question influence the option of the people you were surveying?

Was the results of your survey representative of your entire school? Explain.

What does your box and whiskers plot tell us?

How do you create a box-and-whisker?

What kind of data do you need to create a box-and-whisker?

What does the minimum, first quartile, median, third quartile, and maximum of your data mean?

How do you find the mean, median and mode and range of data?

How do the mean, median, and mode describe the central tendency of a data set? Why are the three different measures needed?

Was the range of your data set affected by an outlier? If so how?

Was your histogram uniform, symmetric or skewed?

How did you choose the intervals to create your frequency table?

How did your frequency table help your determine the results of your data?

What is the difference between a histogram and a bar graph?

Can you tell me what a scatter plot is?

Looking at your scatter plot, did you see a positive or negative correlation or no correlation?