* Construct graphs using data software
* Enter graphs into research notebook, add analysis
* Quantitative data:
  + Histograms show distribution of 1d data, frequency of intervals, often involve normal distribution
  + Dot plot = histogram, but using stacked dots on a number line
  + Stem/leaf plot organizes data with column 1 is 10’s digit, and column 2 is 1’s digits, shows distribution, organizes numbers
  + Box/whisker plot compares median, quarters, min/max for categories of data
  + Line graphs show change over time, be careful when using to compare categories
  + Scatter plot- plot 2d data, identify correlation between datasets
  + Tables organize numbers by category
* Qualitative data:
  + Bar graph compares frequency of qualitative categories
  + Pie charts show how pars compose a whole
  + Use tables to organize and compare qualitative narratives
* Use inferential statistics on data
* Record things that interrupted/affected experiment, mention in conclusion
* Clearly label figures so that they can be understood without paper