Week 7 Homework

1. In next week, we will be looking at how to import files and read them. From the documentations below:  
   <https://docs.python.org/3/tutorial/inputoutput.html#reading-and-writing-files>  
   There is a parameter in open() called mode (the last one). When someone wrote ‘r’ into the mode, what does this mean? What about ‘w’?
2. What are the assumptions of data to use
   1. one sample t-test?
   2. proportion test?
   3. two-sample t-test?
   4. ANOVA?
   5. Wilcoxon test?
3. In data analytics, we model