1) True
2) central limit theorem
3) Modeling bounded count data
4) All of the mentioned
5) Poisson
6) False
7) Hypothesis
8) 0
9) Outliers cannot conform to the regression relationship
10) As with any probability distribution, the normal distribution describes how the values of a variable are distributed. It is the most important probability distribution in statistics because it accurately describes the distribution of values for many natural phenomena.
11) a)Use deletion methods to eliminate missing data.
   b) Use regression analysis to systematically eliminate data.
   c) using data imputation techniques

   imputation technique
   1. Complete Case Analysis(CCA)
   2. Arbitrary Value Imputation.
   3. Frequent Category Imputation

12) A/B testing is a basic randomized control experiment. It is a way to compare the two versions of a variable to find out which performs better in a controlled environment
13) No
14) Linear regression analysis is used to predict the value of a variable based on the value of another variable. The variable you want to predict is called the dependent variable. The variable you are using to predict the other variable's value is called the independent variable.
15) a) Data collection.
   b) descriptive statistics.
   c) inferential statistics.