STATISTICS WORKSHEET

1. True
2. Central Limit Theorem
3. Modeling contingency tables
4. The exponent of normally distributed random variables follows what is called the log -normal distribution.
5. Poisson
6. False
7. Hypothesis
8. 0
9. Outliers cannot conform to the regression relationship
10. The normal distribution is the mode widely known and used of all distributions. Because the normal distribution approximates many natural phenomena so well, it has developed into a standard of reference for many probability problems.
11. Check with the data collection source. We can drop the data entry or the variable. We can replace it with an average or replace it with by frequency or based on other functions. we can use pandas.
12. Not attended
13. Yes, mean imputation of missing data is acceptable.
14. If we want to use a variable x to draw conclusions concerning a variable y: y is called dependent or response variable. X is called independent, predictor, or explanatory variable. If the relationship between two variables is linear is can be summarized by a straight line. A straight line can be described by an equation. Y = a+bx. a is called the intercept and b the slope of the equation. The slope is the amount by which increases when X increases by 1 unit.
15. Mathematical or theoretical statistics
    Statistical methods or functions
    Descriptive statistics
    Inferential Statistics