STATISTICS WORKSHEET- 6

1. d) All of the mentioned
2. a) Discrete
3. a) pdf
4. c) mean
5. a) variance
6. d) none of the mentioned
7. c) 0 and 1
8. b) bootstrap
9. b) summarized
10. Histograms are a special kind of bar graph that shows a bar for a range of data values instead of a single value. A box plot is a data display that draws a box over a number line to show the interquartile range of the data. The 'whiskers' of a box plot show the least and greatest values in the data set.
11. The key point is to choose metrics that clearly indicate where you are now in relation to your goals. Good metrics can be improved. Good metrics measure progress, which means there needs to be room for improvement.
12. Statistical significance can be accessed by using of hypothesis testing, which tests the validity of a hypothesis by figuring out the probability .A Standard hypothesis testing is relies into two hypotheses. i.e Null Hypothesis and Alternative Hypothesis.
Need to calculate the P-Value, which is the likelihood of getting the test's observed findings if the null hypothesis is true.
Need to select the threshold of significance (alpha) and reject the null hypothesis if the p-value is smaller than the alpha
13. Poisson Distribution.
14. Salary is the example of mean where the median is the better measure than the mean.
15. The likelihood is the probability that a particular outcome is observed when the true value of the parameter is equivalent to the probability mass on