STATISTICS WORKSHEET-1

Q1: a)True

Q2: a) Central Limit

Q3: b) Modeling bounded count data

Q4: d) All of the mentioned

Q5: c) Poisson

Q6: b)False

Q7: b) Hypothesis

Q8: a) 0

Q9: c) Outliers cannot conform to the regression relationship

Q10: in normal distribution the values are peaked around the mean in a symmetrical way and they reduce going away from the mean in the same way on both sides, so the distribution is not skewed to any direction.

Q11: depending on the data you can fill the missing data with the mean or mode of the rest of the datapoints

Q12: splitting variables into two versions to see which one performs better

Q13: it depends what data it is, if it is continuous then mean can work but sometimes if it's categorical mode can be the best way to impute the nulls

Q14: linear regression makes predictions about a target value by using other independent values that have a relationship with the target.

Q15: descriptive, which visualise and describes the data we are working with and inferential which looks at the relationships and makes predictions for the whole data by looking at the samples