

STATISTICS WORKSHEET 1

- 1) A- True
- 2) A- Central Limit Theorem
- 3) B- Model Bounded count data
- 4) D – all of the mentioned
- 5) C – Poisson
- 6) B – False
- 7) B – Hypothesis
- 8) A – 0
- 9) C - Outliers cannot conform to the regression relationship
- 10) The Term Normal distribution is a probability distribution that is symmetric about the mean, showing that data near the mean are more frequent in occurrence than data far from the mean. In graph form, normal distribution will appear as a bell curve. It is also known as Gaussian distribution.
- 11) Mean and median are used to find the missing data. The imputation techniques recommended to find the handle missing data are listwise deletion, pairwise deletion, mean substitution.
- 12) A/B testing is basically statistical hypothesis testing. It is an analytical method for making decision that estimates population parameters based on sample statistics.
- 13) It is a Bad practice in general., it leads to underestimate of the standard deviation.
- 14) In Statistics, Linear regression is a linear approach for modelling the relationship between one independent variable and one dependent variable using a straight line.
- 15) The Three branches of statistics are data collection, descriptive statistics and inferential statistics.