Ques1 What do you understand by the term Normal Distribution?

Answer: 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.

Ques2 How do you handle missing data? What imputation techniques do you recommend?

Answer: On handling the missing data, well it is one headace for datascientist to fill the missing value. We have multiple technique to handle missing data like mean(), mode(), etc. but we have to make sure we are using a selective method for selective variable. We cannot use mean() method instead of mode().

Ques3 What is A/B testing?

Answer: A/B testing is nothing but crosschecking how different variables affect our target.
Like which feature has more positive/negative outcome compared to others.

Ques4 Is mean imputation of missing data acceptable practice?

Answer: No it is not in many manner. However, the mean is a reasonable estimate for a randomly selected observation from a normal distribution but it may lead to inconsistent bias.

Ques5 What is linear regression in statistics?

Answer: Linear regression is the process of predicting a label(Dependent variable) based on the features(Independent variables). It also differentiate the impact on a label form multiple features.

Ques6 What are the various branches of statistics?

Answer: Statistics is divided into two major parts: descriptive and inferential statistics. Descriptive statistics represent what is going on in a population or data set. On the contrary, inferential statistics shows the statisticians to take findings from a sample group and generalize them to a larger population.