

Interview Question Round 2

Dated: 23/04/2024

1. What is Hypothesis Testing?
2. Explain Type I and Type II Errors along with Hypothesis Testing.
3. What is the Chi-Square Test
4. Explain the T-Test with an example.
5. What is the significance of the P-value in Rejecting/Accepting Null Hypothesis?
6. How Z-score works?
7. What will be the Z-Score value of 70, 75, 80, 85, 90.
8. How XGBoost works?
9. Explain each step of TF-IDF working.
10. Why does Naïve Bayes work well on NLP problems?
11. What is an unsupervised algorithm?
12. How K-means Algorithm works?
13. What is Euclidean Distance?
14. How do Neural Networks work?
15. What is Activation Function?
16. How Forward and Backpropagation Works.
17. Explain Stochastic Gradient Descent.
18. Solve this problem using any language. (Leet Code Problem **1768**)
 - a. Input: word1 = "abc", word2 = "pqr"
 - b. Output: "apbqcr"
19. Do you have any questions, for me? – In General, questions to end the Interview.