Unit 8: Week 7

Assignment 7

Due by [Date]

1. On your homework assignments, you have been learning about different types of statistical tests. What are they?

2. What is the difference between a parametric and a non-parametric test?

3. Explain the importance of statistical significance in research.

4. What are the assumptions of the t-test?

5. What are the advantages and disadvantages of the Chi-Square test?

6. Explain the difference between descriptive and inferential statistics.

7. How do you interpret the results of a correlation analysis?

8. What is the difference between a Type I and a Type II error?

9. What are the steps involved in hypothesis testing?

10. How do you determine the sample size for a study?

11. What are the limitations of using correlation as a measure of association?

12. What are the different types of data scales and how do they differ?

13. How can you improve the validity of your research findings?

14. What are the ethical considerations involved in research design?

15. What are the potential biases that can affect the results of a study?