1. Define mean, median, and mode. How are they calculated?

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1. What is the difference between population and sample?

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1. Explain the concept of normal distribution.

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1. What is the central limit theorem?

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1. What is a p-value?

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1. Describe the difference between Type I and Type II errors.

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1. What is correlation? How is it different from causation?

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1. Explain the concept of hypothesis testing.

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1. What is the difference between parametric and non-parametric statistics?

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1. What is the purpose of confidence intervals?

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1. What is the significance level in hypothesis testing?

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1. What is the difference between a one-tailed and a two-tailed test?

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1. Explain the concept of regression analysis.

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1. What is the difference between simple linear regression and multiple linear regression?

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1. What is standard deviation and why is it important?

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