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# Statistics

*MD Arshad Ahmad*

*15 Years+ Experience in Data Science*

*Mentored 100+ people*



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# *Statistics topics to know*

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1. Intro to Descriptive Statistics
2. Sample spaces
3. Standard Error and assumptions
4. Measures of Central Tendency, Variation and Shape
5. Normal distribution and the Empirical rule
6. Normalization and Standardization
7. Central Limit Theorem
8. Population and Sample
9. Introduction to Confidence Intervals, level

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# *Statistics.. continued*

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10. Introduction to Hypothesis Testing
11. P- value
12. Null and Alternate hypothesis Testing
13. Z and T tests
14. Interpreting z-score
15. Which test should be use when
16. Interpreting standard deviation and variance
17. Tests about a population proportion
18. Tests about a population mean
19. Correlation and Covariance
20. Outliers

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**Thank You!**  
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