

Basic Probability & Statistics

Benefits

In this 4-session, 3-hour-per-session course, you will learn the fundamentals of probability and statistics. By understanding the fundamentals, you will be able to apply statistical tools and interpret their significance correctly. Students will do some exercises

Outline

Session I (3 hours): Introduction to Basic Probability Concept

- Terms & definitions
- Multiplication & addition Theorem
- Permutations & Combinations

Session II (3 hours): Probability Distributions

- Hypergeometric Distributions
- Binomial Distributions
- Poisson Distributions
- Conditional Probability

Session III (3 hours): Basic Statistics

- Measures of Central Tendency & Dispersion
- Histograms and Frequency Distributions
- The Normal Curve
- Areas under the Normal Curve

Session IV (3 hours): Hypothesis Testing

- Decision Errors
- How to test a statistical hypothesis
- Inferences about two means

Who should attend

Everyone who is interested to have a basic understanding of probability and statistics

Please contact us to request this workshop onsite!



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