

Probabilities

Lecture 5

I. Objectives

At the end of this series of lectures you should be able to:

- A. Define terms.
- B. Calculate simple probabilities.
- C. Discrete probabilities
- D. Continuous probabilities
- E. Explain independent events.
- F. Understand the basics of Boolean logic.

II. Key Concepts and Terms

And
Boolean
Chance
Combination
Continuous probabilities
Discrete probabilities
Distribution
Factorial
Frequency
Mutually exclusive
Or
Permutation
Probability
Probability model
Probability rules
Random
Venn diagrams