

# Probability and Statistics

## Probability and Statistics

Probability theory is the branch of mathematics concerned with probability and random phenomena. Statistics is the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data.

### Core Concepts

#### Probability Theory Foundations

- [Definition: Probability Space](#)
- [Definition: Random Variable](#)

#### Distributions and Expectations

Coming soon...

#### Statistical Inference

Coming soon...

#### Stochastic Processes

Coming soon...

### Browse All Probability and Statistics Content

The following pages are available in this section:

#### Note

Content is being actively developed. Check back frequently for updates.