

## **A P Statistics**

1. Organizing Data: Looking for patterns and departures from patterns
  - a. Exploring data
  - b. The normal distributions
  - c. Examining relationships
  - d. Two-variable data
2. Producing Data: Samples, experiments, and simulations
3. Probability: Foundations of inference
  - a. The study of randomness
  - b. Random variables
  - c. The binomial and geometric distributions
  - d. Sampling distributions
4. Inference: Conclusions with confidence
  - a. Introduction to inference
  - b. Inference for distributions
  - c. Inference for proportions
  - d. Inference for tables: Chi-square procedures
  - e. Inference for Regression