

## CHAPTER OVERVIEW

### 4: Random Variables

4.1: Introduction to Discrete Random Variables

4.2: Binomial Distribution

4.3: Poisson Distribution

4.4: Expected Value of Discrete Random Variables

4.4.1: Variance of Discrete Random Variables

4.5: Introduction to Continuous Random Variables

4.5.1: Properties of Continuous Probability Density Functions

4.6: The Uniform Distribution

4.7: The Exponential Distribution

4.8: Introduction to Normal Distribution

4.8.1: The Standard Normal Distribution

4.8.2: Using the Normal Distribution

4.9: Normal Distribution - Pinkie Length (Worksheet)

4.10: Chapter Key Items

4.10.1: Chapter Key Terms

4.10.2: Chapter Key Items

4.11: Chapter Review

4.12: Chapter References

4.12.1: Chapter References

4.12.2: Chapter References

4.H: Random Variables (Homework)

1.1: Discrete RVs Practice

1.2: Uniform and Exponential Homework

1.3: Uniform and Exponential Practice

1.4: Normal Homework

1.5: Normal Practice

4.S: Random Variables (Solutions- Practice + Homework)

1.1: Uniform + Exponential Solution (Practice + Homework)

1.2: Normal Solution (Practice + Homework)

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