BALL STATE
UNIVERSITY

Module 4 Overview & Checklist

Introduction to Statistical Methods

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1 Learning Objective(s)

1.1 Textbook Learning Objectives

- Recognize and understand discrete probability distribution functions, in general.
- Calculate and interpret expected values.
- Recognize the binomial probability distribution and apply it appropriately.
- Classify discrete word problems by their distributions.

1.2 Instructor Learning Objectives

- Refresh on understanding of behavior and characteristics of discrete variables
- Understand the how to write probability distribution function tables and use them in calculation
- Be able to continue to write coherent and readable notation for probability problems

2 Assessments

☐ Quiz 3 on Module 3 Content on Canvas

3 Lecture(s) & Participation

☐ Watch Module 4 Lecture on Canvas and Take Notes

☐ Complete and Turn-in Module 4 Lecture Check-in on Canvas

4 Reading(s)

Under "Readings" in Canvas Module

☐ Read Chapter 4 of Textbook

5 Homework & Assignment(s) Due

Under "Assignments" in Blackboard Module

No Additional Assignments this week

6   Looking Ahead

☐   Quiz 4 Next Week on Canvas