

## CHAPTER OVERVIEW

### Chapter 4 Lecture Notes

In Chapter 4, we will learn to use probability distribution to analyze discrete Random Variable. We will also use technology to find probability of binomial distribution to solve applications.

At the end of the chapter, students should be able to:

- Use Discrete Probability Distribution to find Expected Value.
- Understand the requirement for binomial distribution and use technology to find probability of binomial distribution.
- Use Binomial Distribution to find probability of events that are of binary nature.

[Ch 4.1 Discrete Random Variable](#)

[Ch 4.2 Application of Probability Distribution](#)

[Ch 4.3 Binomial Distribution](#)

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