

CHAPTER OVERVIEW

6: Discrete Random Variables

The next two chapters will explore random variables. This chapter covers random variables for data that is discrete, while the next chapter explores random variables for continuous data.

[6.1: What is a Random Variable?](#)

[6.2: What is a Discrete Random Variable?](#)

[6.3: Probability Distribution Function \(PDF\) for Discrete Random Variables](#)

[6.4: Expected Value and Variance of a Discrete Probability Distribution Function](#)

[6.5: Bernoulli Distribution](#)

[6.6: Binomial Distribution](#)

[6.7: Geometric Distribution](#)

[6.8: Poisson Distribution](#)

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