

EDROLO LINKS for CHAPTER 15 (Continuous Random Variables and Probability Density Functions)

Exercise 15A Probability Density Functions of a Continuous Random variable	https://edrolo.com.au/s/301856/
Exercise 15B and 15C Mean and median of a Continuous Random variable Measures of spread of a Continuous Random Variable	https://edrolo.com.au/s/301860/

EDROLO LINKS FOR CHAPTER 14 (Binomial Random Variable)

Ex 14A Bernoulli sequences and Binomial Distribution	https://edrolo.com.au/s/301880/
Ex 14A Bernoulli sequences and Binomial Distribution Ex 14D Finding the Sample Size	<p>PLEASE NOTE: While this video lesson explains the theory well, there is an error with how the Binomial distribution formula is presented. The correct formula is:</p> $\Pr(X = x) = \binom{n}{x} p^x (1 - p)^{n-x}$ <p>In the video, he has the power of $(1-p)$ incorrect.</p>
Ex 14B The Expectation and Variance of a Binomial variable	https://edrolo.com.au/s/301887/
Ex 14B The graph of a Binomial probability distribution (How changing the value of p affects the shape, and how changing the value of n changes the shape)	https://edrolo.com.au/s/301888/

EDROLO LINKS for CHAPTER 13 (Basic Probability and Discrete Random Variables)

Ex 13A Revision of Basic Probability Knowledge	https://edrolo.com.au/s/301896/
Ex 13B Conditional Probability Law of Total Probability Independence	https://edrolo.com.au/s/301904/
Ex 13C Discrete Random Variables and their Probability Distributions	https://edrolo.com.au/s/301906/
Ex 13D Expected value, variance and standard deviation of a discrete random variable	https://edrolo.com.au/s/301912/

EDROLO LINKS FOR CHAPTER 16 (The Normal Distribution)

Ex 16A The normal distribution Ex 16B The 68%-95%-99.7% Rule	https://edrolo.com.au/s/301916/
Ex 16B The standard normal variable and standardization	https://edrolo.com.au/s/301920/
Ex 16C Calculating Normal Probability	https://edrolo.com.au/s/301925/
Ex 16C Finding percentiles of the Normal Distribution using the Inverse Normal command and Symmetries	https://edrolo.com.au/s/301931/

EDROLO LINKS FOR CHAPTER 17 (Statistics)

Ex 17A Populations and Samples	https://edrolo.com.au/s/301939/
Ex 17B The exact distribution of the Sample Proportion	https://edrolo.com.au/s/301947/
Ex 17B Simulation Determining formulas for $E(\hat{p})$ and $\sigma(\hat{p})$	https://edrolo.com.au/s/301962/
Ex 17C Approximating the Sample Proportion distribution with the Normal Distribution	https://edrolo.com.au/s/301967/
Ex 17D Confidence Intervals for the Sample Proportion	https://edrolo.com.au/s/301974/