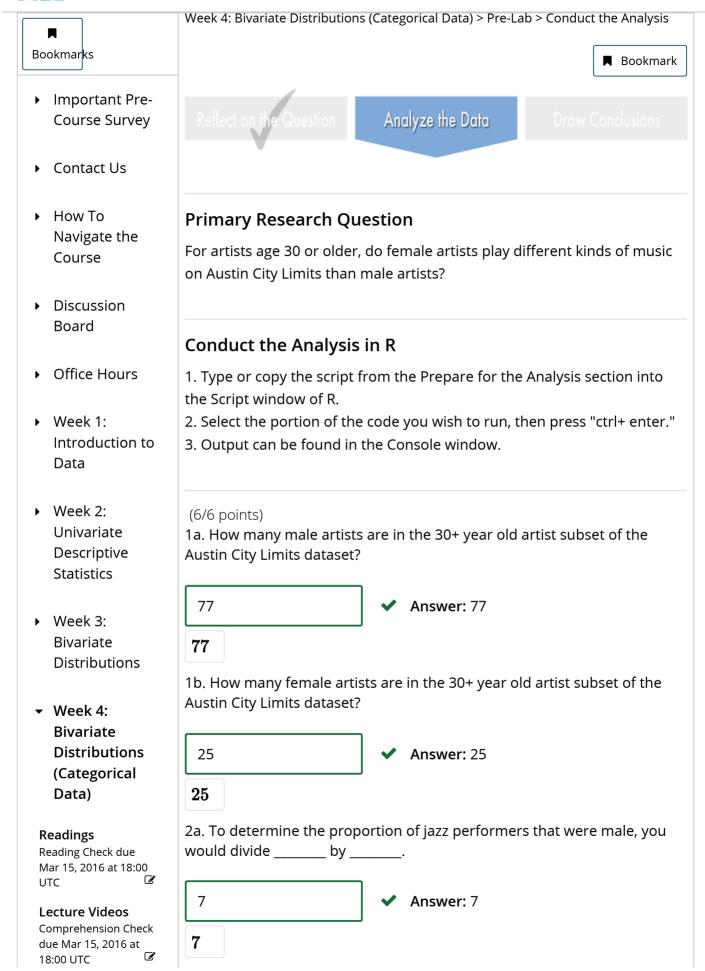


UTAustinX: UT.7.10x Foundations of Data Analysis - Part 1



R Tutorial Videos	11 ✓ Answer: 11
Pre-Lab Pre-Lab due Mar 15, 2016 at 18:00 UTC Lab	2b. To determine the proportion of males that performed jazz, you would divide by
Lab due Mar 15, 2016 at 18:00 UTC	
Problem Set Problem Set due Mar 15, 2016 at 18:00 UT	7
Week 5: Linear Functions	77
	Click here for a video explanation of how to answer this question.
	You have used 1 of 1 submissions
	(2/2 points) 3a. Which table should you look at to determine how many artists performed rock/folk/indie music: genre or gender?
	genre
	3b. How many artists performed rock/folk/indie music?
	✓ Answer: 61
	61
	Click here for a video explanation of how to answer this question.
	You have used 1 of 1 submissions
	(2/2 points) 4a. Which of these lines of code provides the probability that a randomly selected artist from the dataset performed rock/folk/indie music?
	prop.table(genre) ▼

4b. What is the probability that a randomly selected artist from the dataset performed rock/folk/indie music?
0.598 ▼
Click here for a video explanation of how to answer this question.
You have used 1 of 1 submissions
(2/2 points) 5a. Which of these lines of code provides the probability that a randomly selected female artist performed rock/folk/indie music?
prop.table(twoway,1) ▼
5b. What is the probability that a randomly selected female artist performed rock/folk/indie music? 0.320 ▼ Answer: 0.320
Click here for a video explanation of how to answer this question.
You have used 1 of 1 submissions
(1/1 point)6. For genre and gender to be independent, which of the following statements must be true?
P(rock)*P(female) = P(rock) + P(female)
● P(rock) = P(rock female) ✓
P(female) = P(rock)/P(female)
P(rock)=P(female/rock)

Click here for a video explanation of how to answer this question.

You have used 1 of 1 submissions

© All Rights Reserved



© edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

















