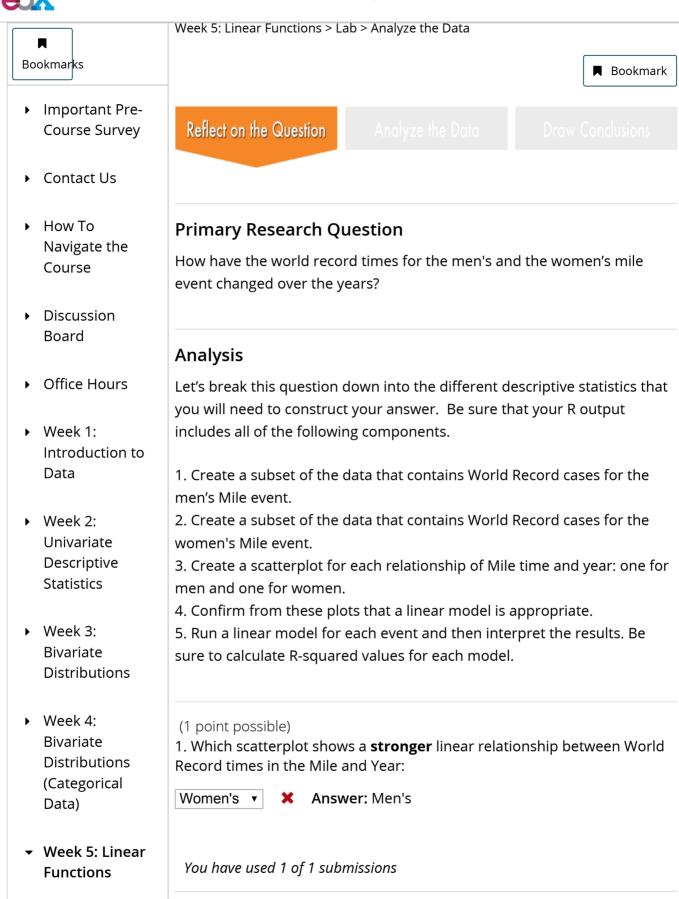


Readings
Reading Check due

UTC

Mar 15, 2016 at 18:00

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



https://courses.edx.org/courses/course-v1:UTAustinX+UT.7.10x+1T2016/courseware/840f77ea66ca42ccbb226e238d90aa3d/37dc3d2f9fd44b269061a95dc...

the Mile each year? (Round to three decimal places)

2. On average, how many seconds do men trim off the world record time in

Lecture Videos

Comprehension Check due Mar 15, 2016 at 18:00 UTC

R Tutorial Videos

Pre-Lab

Pre-Lab due Mar 15, 2016 at 18:00 UTC

Lab

Lab due Mar 15, 2016 at 18:00 UTC

Problem Set

Problem Set due Mar 15, 2016 at 18:00 UT

-0.39347	X Answer: 0.393
-0.39347	
You have used 1 of 1 submis	sions
,	conds do women trim off the world record Round to three decimal places)
0.973	✓ Answer: 0.973
0.973	
You have used 1 of 1 submis	sions
	ou predict it would take for the men's mile ull second? Use the model equation to help
O About 18 years	
● About 2.5 years ✔	
About 3.5 years	
O About 4 years	
You have used 1 of 1 submis	sions
	ou predict it would take for the women's mile ull second? Use the model equation to help
About 8 years	
About 4.5 years	

About 2 years	
About 1 year	
You have used 1 of 1 submissions	
(1/1 point) 6. What proportion of variance in the men's World Record times in the Mile can be explained by year? (Round to three decimal places)	
0.977 ✓ Answer : 0.977	
0.977	
You have used 1 of 1 submissions	
(1/1 point) 7. What proportion of the variance in women's World Record times in the Mile can be explained by year? (Round to three decimal places)	
0.896 ✓ Answer: 0.896	
0.896	
You have used 1 of 1 submissions	
(1/1 point) 8. Which of the following is a reasonable conclusion to draw from this analysis?	
A linear model is a good fit for describing the decrease in record time for the Mile for men, but not for women.	
We cannot fit a linear model to either the men's or the women's mile.	
 World record times in the Mile have decreased linearly over the last several decades for both men and women. 	

You have used 1 of 1 submissions

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