



NPTEL » Data Analytics with Python

Announcements

About the Course

Ask a Question

Progress Mentor

Unit 5 - Week 4

How does an NPTEL online

Course outline

course work?

Week 1

Week 2

Week 3

Week 4

Hypothesis Testing- I

O Hypothesis Testing- II

Hypothesis Testing- III

O Hypothesis Testing: Two

sample test- I

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Feedback

Download Videos

Text Transcripts

Accepted Answers:

0.361

Important Data Sets

O Quiz: Assignment 4

O Solution : Assignment 4

Errors in Hypothesis Testing

Assignment 4		
The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.	Due on 2020-02-26, 23:59 IST	
 In hypothesis testing if, H1: μ < 5 	1 1	
Test is upper tail Test Test is lower tail Test		
Test is two tail Test		
Test is not possible		
No, the answer is incorrect.		
Score: 0 Accepted Answers:		
Test is lower tail Test		
2) When H0 = $\mu \le$ 10, α = 0.1, n = 20 and standard deviation = 2.5. The Confidence interval will be:	1 poi	
(-11.72,+11.72)		
(-infinity to +11.72)		
(-10.72, +10.72)		
O None of the above		
No, the answer is incorrect. Score: 0		
Accepted Answers: None of the above		
○ True ○ False		
No, the answer is incorrect. Score: 0		
Accepted Answers: False		
4) Let X be a sample taken from a normally distributed population. A survey agency claims that the mean of [10,12,20,21,24,18,8] 0.24 0.124 0.17 None of the above	the population is 12. Calculate the p-value. 1 poi	
No, the answer is incorrect.		
Score: 0 Accepted Answers:		
0.124	1 no	
O.124 5) In hypothesis testing, the tentative assumption about the population parameter is	1 po	
O.124 5) In hypothesis testing, the tentative assumption about the population parameter is The alternative hypothesis	1 po	
 0.124 In hypothesis testing, the tentative assumption about the population parameter is The alternative hypothesis The null hypothesis 	1 po	
 0.124 5) In hypothesis testing, the tentative assumption about the population parameter is The alternative hypothesis The null hypothesis either the null or the alternative 	1 po	
 0.124 5) In hypothesis testing, the tentative assumption about the population parameter is The alternative hypothesis The null hypothesis either the null or the alternative None of the above 	1 po	
 0.124 5) In hypothesis testing, the tentative assumption about the population parameter is The alternative hypothesis The null hypothesis either the null or the alternative 	1 poi	

