



NPTEL » Data Analytics with Python

Announcements

About the Course

Ask a Question

Progress Mentor

1 point

1 point

1 point

1 point

Unit 6 - Week 5

How does an NPTEL online

Hypothesis Testing: Two

Hypothesis Testing: Two

O Post Hoc Analysis(Tukey's

Important Data files

Ouiz: Assignment 5

O Solution : Assignment 5

sample test- II

sample test- III

O ANOVA - I

O ANOVA - II

test)

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Feedback

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Accepted Answers:

7) In problem no.6 what is the p-value calculated?

8) In problem no.6 what is the F-value calculated?

9) In problem no.6 what is the MSE(Mean square error)value calculated?

10) "pandas.melt" function in python programming is used for:

To change dataframe format from long to wide.

To unpivot columns to the row axis.

No

0.284

0.0284

0.758

0.0758

Score: 0

0.284

0.0284

0.758

0.0758

0.284

3.333

1.667

2.667

5.867

Score: 0

Score: 0

5.867

0.758

No, the answer is incorrect.

No, the answer is incorrect. Score: 0

No, the answer is incorrect.

Accepted Answers:

Both (a) and (b)

Accepted Answers:

None of the above

No, the answer is incorrect.

To unpivot columns to the row axis.

Accepted Answers:

Accepted Answers:

Course outline

course work?

Week 1

Week 2

Week 3

Week 4

Week 5

	for submitting this assignment has passed. cords you have not submitted this assignment.	Due on 2020-03-04, 23:59 IST
	hesis, Ho: u1- u2 ≤ 0 is a	1 pc
Upper tail Lower tail		
Two tail te		
F Test		
No, the answe	er is incorrect.	
Score: 0		
Accepted Ans Upper tail test		
machine and B is	evation site, 15 pits are excavated using machine A and 15 are excavated using machine E is the modified excavation machine. The two average excavation times are 120 and 100 mi reducing excavation time. What conclusions can the machine manufacturer draw about the	inutes respectively. The manufacturer of machine A ar
Machine E	B is not effective	
Can't say		
	chines are equally effective	
Machine E	B is effective.	
No, the answe	er is incorrect.	
Score: 0 Accepted Ans	swers:	
Machine B is e		
3) State true		1 p
	Test, the lower tail test is not possible	
○ True		
False		
No, the answe Score: 0	er is incorrect.	
Accepted Ans	swers:	
n the height of st	section 10th-B, with a standard deviation of 6 cm in height is taken. The class teacher was tudents at 90% confidence interval.	ants to know, which section is having the least variabil
	has the least variability	
	has the least variability	
None of the	have same variability	
No, the answe Score: 0 Accepted Ans		
	e same variability	
5) If we have	a sample size of 20 and the population standard deviation is known we will use:	1 pc
t-test for h	hypothesis testing	
z-test for l	hypothesis testing	
both t and	d z test	
F-test		
No, the answe Score: 0	er is incorrect.	
Accepted Ans z-test for hypot		
,		
6) There are t canteen1 canteer	three canteens in a college. The sale of item "A" in those three canteens from Monday to F	Friday is as follows: 1 p
3	5	
3 2	8	
7 1 2 7	2	
5 6	2	
s there any signif	ficant difference between the mean sales of product A, at $\alpha = 0.05$?	
Yes		
O No		
	te	
Can't Stat		
Can't Stat None of th		
	he above	