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NPTEL » Practitioners Course In Descriptive,Predictive And Prescriptive Analytics   Announcements   About the Course   Ask a Question   Progress   Mentor

Unit 9 - Week 7

Assignment - 7

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-10-16, 23:59 IST.

1) A study was conducted on a liquid in controlled condition and the following data was recorded for its vapor pressure and temperature.   **2 points**

Temperature (X)	Pressure (Y)
20	0
60	0.03
100	0.27
140	1.85
200	17.3
280	157
360	806

What is the error sum of squares?

○ 342912.42
○ 249365.87
○ 527548.12
○ None of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
342912.42

2) Using the data from question 1, calculate the slope of the regression line?   **2 points**

○ 4.35
○ 2.12
○ 1.96
○ 2.84

No, the answer is incorrect.
Score: 0
Accepted Answers:
1.96

3) Using the data from question 1, calculate the intercept of the regression line?   **2 points**

○ 56.87
○ -24.98
○ -184.25
○ 112.58

No, the answer is incorrect.
Score: 0
Accepted Answers:
-184.25

4) Using the data from question 1, Choose the most appropriate value for total sum of squares from below.   **2 points**

○ 536700.59
○ 45876.24
○ 786521.55
○ None of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
536700.59

5) Using the data from question 1, Choose the most appropriate value for residual sum of squares from below.   **2 points**

○ 257894.57
○ 193788.17
○ 235876
○ 685437.25

No, the answer is incorrect.
Score: 0
Accepted Answers:
193788.17