**BUS 204 S24 Test 3 Answer Sheet 4/19/24**

00:30:00

Last Name:

First Name:

Email address:

University's ID (last 4 digits):

This is your Test 3 answer sheet. You have 30 minutes to enter your answers. You are allowed one attempt. Please note the following:
1. When you are on the page with the problem #10, do not click “next" unless you ready to submit your work for grading.
2. Some problems are "multiple response" and will require more than one answer.
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Good Luck!!!

**Question 1 of 10**

1. Determination Coefficient

* a) In this section, select the Determination Coefficient (click below): (0 points)
* 0.8116 (10 points)
* 0.9008 (0 points)
* 0.6331 (0 points)
* 0 (0 points)
* $176.64 (0 points)
* $180.00 (0 points)
* $24 (0 points)
* $1,760.64 (0 points)
* b) In this section, interpret the predictive value of that coefficient (click below): (0 points)
* weak predictor (0 points)
* somewhat weak predictor (0 points)
* somewhat strong predictor (0 points)
* very strong predictor (10 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 2 of 10**

2. Correlation Coefficient

* a) In this section, select the value of the Correlation Coefficient: (0 points)
* 0.1645 (0 points)
* -0.0103 (0 points)
* 0.1528 (0 points)
* -0.3283 (0 points)
* 0.75823 (0 points)
* -0.0335 (10 points)
* 0.0335 (0 points)
* b) In this section, select the strength of this coefficient: (0 points)
* Weak (10 points)
* Moderate (0 points)
* Moderate (0 points)
* Somewhat strong (0 points)
* Strong (0 points)
* c) In this section, select the slope of this correlation. (0 points)
* Positive (0 points)
* Negative (10 points)
* Zero (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 3 of 10**

3. What is the value of the dependent variable? Select one:

* 14.848 (0 points)
* 5,456.00 (0 points)
* 2,365.4560 (10 points)
* 25,046 (0 points)
* 1,296.4 (0 points)
* 0.1254 (0 points)
* 0 (0 points)
* 1 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 4 of 10**

4. MAD

* a) In this section, select the MAD value for the A method: (0 points)
* 158,002 (0 points)
* 13,167 (10 points)
* 12 (0 points)
* 150,459 (0 points)
* b) In this section, select the MAD value for the method B: (0 points)
* 10,350 (10 points)
* 12,294 (0 points)
* 124,200 (0 points)
* 0 (0 points)
* 21,234 (0 points)
* c) In this section, select the MAD value of the C method: (0 points)
* 158,002 (0 points)
* 140,000 (0 points)
* 0 (10 points)
* 119,259 (0 points)
* 741 (0 points)
* d) In this section, select the most accurate forecast: (0 points)
* A (0 points)
* B (0 points)
* C (10 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 5 of 10**

5. What is the value of x?

* 44.7619 (0 points)
* 139.4758 (0 points)
* 12.5094 (10 points)
* 0.9257 (0 points)
* 0.8568 (0 points)
* 0 (0 points)
* 1 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 6 of 10**

6. What is the forecast for October?

* 408 (0 points)
* 287 (0 points)
* 334 (0 points)
* 425 (10 points)
* 1,308 (0 points)
* 0.25 (0 points)
* 0.30 (0 points)
* 0.20 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 7 of 10**

7. Markov Chain

* a) In this section, select the store with the highest gain in market share: (0 points)
* A (0 points)
* B (0 points)
* C (0 points)
* D (10 points)
* b) In this section, select the value of that gain: (0 points)
* -0.0400 (0 points)
* -0.0310 (0 points)
* -0.0080 (0 points)
* 0.0590 (10 points)
* 50% (0 points)
* 1% (0 points)
* -4.10% (0 points)
* -16.40% (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 8 of 10**

8. Exponential Smoothing - What is the forecasted value for year 11th?

* 1,354,1375 (0 points)
* 1,403.9814 (10 points)
* 1,385.4237 (0 points)
* 1,383.1800 (0 points)
* 0 (0 points)
* 1 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 9 of 10**

9. Multiple Regression - What is the value of the house that has 1,000 sqft. and is 35 years old?

* $574,376.73 (10 points)
* $178,000 (0 points)
* $674,457 (0 points)
* $560,870.98 (0 points)
* $1,234,567 (0 points)
* $726,276.43 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 10 of 10**

10. Moving Average- What is the forecasted value for month 5?

* 10.5 (0 points)
* 14.5 (10 points)
* 12.5 (0 points)
* 17.5 (0 points)
* 16.5 (0 points)
* 19 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

You have reached the end of this answer sheet. Click "next" when you are ready to submit your answers to be graded.