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Graded Review Questions

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Quiz due Mar 6, 2021 21:00 IST Completed

Instructions for Review Questions

1. Time allowed: Unlimited

- We encourage you to go back and review the materials to find the right answer
- Please remember that the Review Questions are worth 60% of your final mark.

2. Attempts per question:

- One attempt - For True/False questions
- Two attempts - For any question other than True/False

3. Clicking the "Submit" button when it appears, means your submission is FINAL. You will NOT be able to resubmit your answer for that question ever again

4. Check your grades in the course at any time by clicking on the "Progress" tab

Question 1

1/1 point (graded)

According to this Module's reading assignment, the output of a data mining exercise largely depends on:

☐ The data scientist

☒ The quality of the data

☐ The scope of the project

☐ The programming language used



Submit

You have used 1 of 2 attempts

Question 2

1/1 point (graded)

According to this Module's reading assignment, what should you do when data is missing in a systematic way?

☐ Determine who was managing the database

☐ Extrapolate the data

☐ Determine the average of the values around the missing data

☒ Determine the impact of missing data on the results and whether missing data can be excluded from the analysis



Submit

You have used 1 of 2 attempts

Question 3

1/1 point (graded)

According to this Module's reading assignment, what is an example of a data reduction algorithm?

☐ Prior Variable Analysis

☐ Cojoint Analysis

☐ A/B Testing

☒ Principal Component Analysis



Submit

You have used 1 of 2 attempts

Question 4

1/1 point (graded)

According to this Module's reading assignment, after the data is appropriately processed, transformed, and stored, what is a good starting point for data mining?

☐ Machine learning

☒ Data Visualization

☐ Non-parametric Methods

☐ Creating a Relational Database



Submit

You have used 1 of 2 attempts

Question 5

1/1 point (graded)

"Formal evaluation could include testing the predictive capabilities of the models on observed data to see how effective and efficient the algorithms have been in reproducing data." This is known as:

☐ Reverse Engineering

☐ Prototyping

☒ In-sample Forecast

☐ Overfitting



Submit

You have used 1 of 2 attempts

Discussion - Module 3 Review Questions

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Hanging On

2

I think I can hang on just a little longer in the fervent hope that this gets more useful and interesting. Let's give it one more module an...

Still learning

2

I got really excited when started the program, but I'm a little concerned about those new terms. But I guess that is part of the learning...

Evaluation

2

I got a good note even though I thought that the last lecture was more dense, I like to know more about the concepts and I'm loving it!

Ok till now

2

I was a bit worried about getting disincetived as mora technical terms keep appearing, but I fell all right at tjispoint of the course

Review

2

After learning this module, I am looking forward to focusing more on Data Mining and Data Visualization

Review Questions

2

Leaving behind the generalities seen in the previous modules, I consider that this module begins to provide an initial structure of the...

Response 2: Module 3 Review Questions

2

There's a few areas that I need to study and review but I do feel I learned a few key points about Big Data and Data Mining.

Response 1: Module 3 Review Questions

2

Wow module's 3 and how it was conveyed made it easier for me to understand and follow along. The material was well put together.

Data mining

2

Seems that in this chpater we are beginning to learn how data must be extracted and which data is relevant and which not. I search...

Module 3

2

I found this Module very interesting with various things to learn and understand.

Module 3

2

Very interesting Module.I am fascinated with the whole Data Mining.process and the decision behind it

Discussion

2

Interesting module,,particularly the Big Data and Data Mining.

Module 3 review

2

The module was pretty informative giving a well structured insight into the field of Big Data.

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