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Courses » Data Mining

Announcements

Course

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Unit 2 - Week 1

Register for
Certification exam

Course outline

How to access the portal

Week 1

- Lecture 1 : Introduction, Knowledge Discovery Process
- Lecture 2 : Data Preprocessing - I
- Lecture 3 : Data Preprocessing - II
- Lecture 4: Association Rules
- Lecture 5 : Apriori algorithm
- Week 1: Lecture Material
- Quiz : Assignment 1

Text Transcript

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Assignment 1

Due date for this assignment: 2019-03-13, 23:59 IST.

Your last recorded submission was on 2019-02-25, 17:13 IST

1) Which of the following can be considered as a data mining task?

1 point
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- A. registering for an online course
- B. online money payment through a bank
- C. predicting if a student will pass an online course
- D. downloading the certificate from course website

- ☐ (A)
- ☐ (B)
- ☒ (C)
- ☐ (D)

2) The final step in the data mining process is usually?

1 point

- A. data cleaning
- B. preprocessing
- C. modeling
- D. pattern evaluation and visualization

- ☐ (A)
- ☐ (B)
- ☐ (C)
- ☒ (D)

3) If a row of a data matrix represents an object, a column usually represents?

1 point

- A. attribute
- B. record

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- ☐ (B)
- ☐ (C)
- ☐ (D)

4) College name of a student can be considered as an attribute of type?

1 point

- A. nominal
- B. ordinal
- C. interval
- D. ratio

- ☒ (A)
- ☐ (B)
- ☐ (C)
- ☐ (D)



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5) Distance between two cities in kilometers can be considered as an attribute of type? 1 point

- A. nominal
- B. ordinal
- C. interval
- D. ratio

- ☐ (A)
- ☐ (B)
- ☐ (C)
- ☒ (D)

6) Which of the following operations cannot be performed on interval attributes?

1 point

- A. distinctness
- B. order
- C. addition
- D. multiplication

- ☐ (A)
- ☐ (B)
- ☐ (C)
- ☒ (D)

7)

1 point

Which of the following operations can be performed on nominal attributes?

- A. distinctness
- B. order
- C. both of the above
- D. none of the above

- ☒ (A)
- ☐ (B)
- ☐ (C)
- ☐ (D)

8) Which of the following is an example of discrete attribute?

- A. thickness of a book in centimeter
- B. weight of a book in grams
- C. number of words in a book
- D. none of the above

- ☐ (A)
- ☐ (B)
- ☒ (C)
- ☐ (D)

9) Exam and assignment marks obtained by all the students registered in a course can be considered example of:

- A. record data
- B. ordered data
- C. graph data
- D. none of the above

- ☒ (A)
- ☐ (B)
- ☐ (C)
- ☐ (D)

10) Which of the following is not a data quality issue?

- A. noise
- B. missing value
- C. duplicates
- D. data type (record/ordered/graph)

- ☐ (A)



1 point

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1 point

1 point

- ☐ (B)
- ☐ (C)
- ☒ (D)

11) Dimensionality reduction usually refers to reduction in:

1 point

- A. number of objects
- B. number of attributes
- C. missing values
- D. outliers

- ☐ (A)
- ☒ (B)
- ☐ (C)
- ☐ (D)



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12) Which of the following is not a goal for data sampling algorithms?

1 point

- A. reduction in data volume
- B. preservation of data properties
- C. obtaining a representative subset of data points
- D. finding out missing attribute values

- ☐ (A)
- ☐ (B)
- ☐ (C)
- ☒ (D)

13) Discretization of attributes refers to:

1 point

- A. deleting data objects
- B. deleting data attributes
- C. modifying nature of attribute values
- D. removing noisy data objects

- ☐ (A)
- ☐ (B)
- ☒ (C)
- ☐ (D)

You may submit any number of times before the due date. The final submission will be considered for grading.

Submit Answers

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