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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  | | --- | | **Data-mining online test** | | **1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a process of taking operational data from one or more sources and mapping it, field by field, onto a new data structure in the data warehouse**   |  | | --- | | Transformation | | Cleansing. | | Integration. | | Scrubbing | |   أسفل النموذج | |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **2. A decision tree is a tree in which every node is either a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or a decision node**   |  | | --- | | leaf node | | Root node | | Both a and b | | Sub node | |   أسفل النموذج | |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  | | --- | |  | | **3. Height, width comes under which type of data?**   |  | | --- | | Finite | | Discrete | | Continuous | | None of the above | |   أسفل النموذج | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **4. What is data mining?**   |  | | --- | | Used to find patterns by comparing large amounts of data. | | Used to find patterns by comparing large amounts of data mainly for statistically inclined users | | used for extracting and storing data which allows easier reporting | | Both a and b | |   أسفل النموذج | |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_stores data in a summarized version**   |  | | --- | | Cube | | Roll up | | Both a and b | | A mine | |   أسفل النموذج | |
| |  | | --- | | أعلى النموذج  أسفل النموذج | |
| |  |  |  |  | | --- | --- | --- | --- | | أعلى النموذج   |  |  |  | | --- | --- | --- | | **7. Summarization is a simple addition of values along one or more data dimensions**   |  | | --- | | True | | False | |   أسفل النموذج | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **8. What is the nature of Quality of data?**   |  | | --- | | The data should be accurate | | The data could be stored according to data type. | | The data should be timely. | | Both a and c | |   أسفل النموذج | |

**9. Which of the following fields below typically make use of Data Mining techniques?**

|  |
| --- |
| Marketing |
| Government intelligence |
| Advertising |
| All of above |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **11. Which stage of data mining involves preparation and collection of data?**   |  | | --- | | Validation | | Exploration | | Both a and b | | Collection | |
| tice test, exam, quiz |
| **12. Which of the following can be closely associated with Time Series algorithm?**   |  | | --- | | Time | | Speed | | Both a and b | | Forecasting | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **13. What is meant by discrete data?**   |  | | --- | | One that allows Only finite set of values | | One that allows real numbers only | | Both a and b | | One that allows float values only. | |   أسفل النموذج | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **14. What is the Naive Bayes Algorithm used for?**   |  | | --- | | Generate mining models | | Estimating the probability of a class value during classification and prediction | | Both a and b | | To make decisions for reporting. | |   أسفل النموذج | |
| **15. Which algorithm is used to find correlations among different attributes in a data set?**   |  | | --- | | Associative algorithm | | Association algorithm | | Time Series algorithm | | Series algorithm | |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **1. Why aggregate is used in dimensional model of data warehouse?**   |  | | --- | | To take the dimension and change its granularity | | To retrieve data from an operational system | | To store data in one operational system | | All of the above | |   أسفل النموذج | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **2. The active data warehouse architecture includes which of the following?**   |  | | --- | | At least one data mart | | Data that can extracted from numerous internal and external sources | | Near real-time updates | | All of the above | |   أسفل النموذج | |

**3. What is data scrubbing?**

|  |
| --- |
| A process to reject data from the data warehouse and to create the necessary indexes |
| A process to load the data in the data warehouse and to create the necessary indexes |
| A process to upgrade the quality of data after it is moved into a data warehouse |
| A process to upgrade the quality of data before it is moved into a data warehouse |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  | | --- | | Data-Warehousing online test, online practice test, exam, quiz | | **4. Which of the following statements is/are true about Data Warehouse?**   |  | | --- | | Can be update by end user | | Contains numerous naming conventions and formats | | Organized around important subject areas | | Contain only current data | |   أسفل النموذج | |
| **5. What is a data mart?**   |  | | --- | | It is the collection of data in data warehouse | | It is the access layer of the data warehouse environment that is used to get data out to the users | | It is the process of extracting patterns from large data sets | | It is the process of extracting data | |

[Online Practice Test](http://www.careerride.com/Online-practice-test.aspx) > Data-Warehousing        **(Total 10 questions)**        **(Time spent 5:43)**

**6. A star schema has what type of relationship between a dimension and fact table?**

|  |
| --- |
| Many-to-many |
| One-to-one |
| One-to-many |
| All of the above |

|  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  | | --- | | Data-Warehousing online test, online practice test, exam, quiz | | [Online Practice Test](http://www.careerride.com/Online-practice-test.aspx) > Data-Warehousing        **(Total 10 questions)**        **(Time spent 6:21)**  **7. Attempt to find a function which models the data with the least error is known as**   |  | | --- | | Clustering | | Regression | | Association rule | | Clustering | |   أسفل النموذج | |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | أعلى النموذج   |  | | --- | | Data-Warehousing online test, online practice test, exam, quiz | | [Online Practice Test](http://www.careerride.com/Online-practice-test.aspx) > Data-Warehousing        **(Total 10 questions)**        **(Time spent 7:2)**  **8. What is reconciled data?**   |  | | --- | | Data stored in the various operational systems throughout the organization. | | Current data intended to be the single source for all decision support systems. | | Data stored in one operational system in the organization. | | Data that has been selected and formatted for end-user support applications. | |   أسفل النموذج | |
| **9. Fact tables are** |

|  |
| --- |
| Completely demoralized |
| Partially demoralized |
| Completely normalized |
| Partially normalized |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **10. In which approach of data warehousing, the transaction data is partitioned into facts**   |  | | --- | | Dimensional approach | | Normalized approach | | Operational approach | | None of the above | |