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| **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 |

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| **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 |

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| **3. Height, width comes under which type of data?**

|  |
| --- |
| Finite |
| Discrete |
| Continuous |
| None of the above |

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| **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 |

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| **5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_stores data in a summarized version**

|  |
| --- |
| Cube |
| Roll up |
| Both a and b |
| A mine |

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| **7. Summarization is a simple addition of values along one or more data dimensions**

|  |
| --- |
| True |
| False |

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| **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 |

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**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 |

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| **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. |

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| **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. |

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| **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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| **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 |

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| **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 |

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**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 |

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| 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 |

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| **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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| 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 |

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| 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. |

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| **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 |

 |