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QUESTION 1 If your intention is to show trends over time, which chart type is the most appropriate way to depict the data? A. Line chart B. Bar chart C. Stacked bar chart D. Histogram Answer: A QUESTION 2 You are analyzing a time series and want to determine its stationarity. You also want to determine the order of autoregressive models. How are the autocorrelation functions used? A. ACF as an indication of stationarity,and PACF for the correlation between Xt and Xt-k not explained by their mutual correlation with X1 through Xk-1. B. PACF as an indication of stationarity,and ACF for the correlation between Xt and Xt-k not explained by their mutual correlation with X1 through Xk-1. C. ACF as an indication of stationarity,and PACF to determine the correlation of X1 through Xk-1. D. PACF as an indication of stationarity,and ACF to determine the correlation of X1 through Xk-1. Answer: A QUESTION 3 Which word or phrase completes the statement? A spreadsheet is to a data island as a centralized database for reporting is to a _____? A. Data Warehouse B. Data Repository C. Analytic Sandbox D. Data Mart Answer: A QUESTION 4 What is one modeling or descriptive statistical function in MADlib that is typically not provided in a standard relational database? A. Linear regression B. Expected value C. Variance D. Quantiles Answer: A QUESTION 5 In which phase of the data analytics lifecycle do Data Scientists spend the most time in a project? A. Discovery B. Data Preparation C. Model Building D. Communicate Results Answer: B QUESTION 6 You are testing two new weight-gain formulas for puppies. The test gives the results: Control group: 1% weight gain Formula A. 3% weight gain Formula B. 4% weight gain A one-way ANOVA returns a p-value = 0.027 What can you conclude? A. Either Formula A or Formula B is effective at promoting weight gain. B. Formula B is more effective at promoting weight gain than Formula A. C. Formula A and Formula B are both effective at promoting weight gain. D. Formula A and Formula B are about equally effective at promoting weight gain. Answer: A QUESTION 7 Data visualization is used in the final presentation of an analytics project. For what else is this technique commonly used? A. Data exploration B. Descriptive statistics C. ETLT D. Model selection Answer: A QUESTION 8 Which functionality do regular expressions provide? A. text pattern matching B. underflow prevention C. increased numerical precision D. decreased processing complexity Answer: A QUESTION 9 When creating a project sponsor presentation, what is the main objective? A. Show that you met the project goals B. Show how you met the project goals C. Show how well the model will meet the SLA (service level agreement) D. Clearly describe the methods and techniques used Answer: A QUESTION 10 Which word or phrase completes the statement? Business Intelligence is to monitoring trends as Data Science is to _____ trends. A. Predicting B. Discarding C. Driving D. Optimizing Answer: A QUESTION 11 Consider a scale that has five (5) values that range from "not important" to "very important". Which data classification best describes this data? A. Ordinal B. Nominal C. Real D. Ratio Answer: A QUESTION 12 Which key role for a successful analytic project can provide business domain expertise with a deep understanding of the data and key performance indicators? A. Business Intelligence Analyst B. Project Manager C. Project Sponsor D. Business User Answer: A QUESTION 13 You have used k-means clustering to classify behavior of 100, 000 customers for a retail store. You decide to use household income, age, gender and yearly purchase amount as measures. You have chosen to use 8 clusters and notice that 2 clusters only have 3 customers assigned. What should you do? A. Decrease the number of clusters B. Increase the number of clusters C. Decrease the number of measures used D. Identify additional measures to add to the analysis Answer: A QUESTION 14 What does R code nv <- v[v < 1000] do? A. Selects the values in vector v that are less than 1000 and assigns them to the vector nv B. Sets nv to TRUE or FALSE depending on whether all elements of vector v are less than 1000 C. Removes elements of vector v less than 1000 and assigns the elements >= 1000 to nv D. Selects values of vector v less than 1000,modifies v,and makes a copy to nv Answer: A QUESTION 15 For which class of problem is MapReduce most suitable? A. Embarrassingly parallel B. Minimal result data C. Simple marginalization tasks D. Non-overlapping queries Answer: A QUESTION 16 In data visualization, which type of chart is recommended to represent frequency data? A. Line chart B. Histogram C. Q-Q chart D. Scatterplot Answer: B QUESTION 17 Which activity might be performed in the Operationalize phase of the Data Analytics Lifecycle? A. Run a pilot B. Try different analytical techniques C. Try different variables D. Transform existing variables Answer: A Passing your EMC **E20-007** Exam by using the latest **E20-007** Exam Demo Full Version: http://www.braindump2go.com/e20-007.html