

Computer Science Ics Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Which model uses a decision threshold.	<p>A. Linear regression</p> <p>B. Logistic regression</p> <p>C. K means clustering</p> <p>D. pca</p>
2	Which visualization is best for comparing categories.	<p>A. Line graph</p> <p>B. Bar Chart</p> <p>C. Scatterplot</p> <p>D. Histogram</p>
3	When is data removal acceptable	<p>A. When many rows are missing</p> <p>B. When only a few rows are missing</p> <p>C. Always</p> <p>D. Never</p>
4	What is the output of logistic regression .	<p>A. Binary outcome 0 or 1</p> <p>B. Continuous value</p> <p>C. Time Series</p> <p>D. Cluster</p>
5	Which of the following is not a type of data visualization.	<p>A. Bar chart</p> <p>B. Pie chart</p> <p>C. Equation</p> <p>D. Scatterplot</p>
6	What is the probability of getting heads in a fair coin toss.	<p>A. 0.5</p> <p>B. 0.25</p> <p>C. 0.75</p> <p>D. 1</p>
7	A standard deviation of 0 indicates.	<p>A. Data is highly variable</p> <p>B. Data is normally distributed</p> <p>C. All values are the same</p> <p>D. Data is missing</p>
8	Which measure indicates the "average" value in a dataset.	<p>A. Mean</p> <p>B. Median</p> <p>C. Mode</p> <p>D. Range</p>
9	An event with a probability of 0 is	<p>A. Certain</p> <p>B. Impossible</p> <p>C. Likely</p> <p>D. Rare</p>
10	In probability , what is the total number of outcomes called.	<p>A. Favorable outcomes</p> <p>B. Sample space</p> <p>C. Random events</p> <p>D. Total outcomes</p>
11	Which step defines the problem in model building	<p>A. Step 1</p> <p>B. Step 2</p> <p>C. Step 3</p> <p>D. Step 4</p>
12	What is clustering used for.	<p>A. Making predictions</p> <p>B. Grouping similar items</p> <p>C. Calculating probabilities</p> <p>D. Finding averages</p>
13	The meaning of "K" in K-Means Clustering.	<p>A. Number of features in the dataset</p> <p>B. Number of clusters to be formed</p> <p>C. Number of iterations required for convergence</p> <p>D. Number of data points in the dataset</p>

14	Watching and recording behavior without interaction is known as.	<p>B. <p>Experiment</p></p> <p>C. <p>Survey</p></p> <p>D. <p>Case Study</p></p>
15	What technique estimates missing values using average.	<p>A. <p>Imputation</p></p> <p>B. <p>Interpolation</p></p> <p>C. <p>Flagging</p></p> <p>D. <p>Removal</p></p>
16	The meaning of the slope in a linear regression model	<p>A. <p>The intercept of the model</p></p> <p>B. <p>The change in the dependent variable for a unit change in the independent variable</p></p> <p>C. <p>The error term</p></p> <p>D. <p>The mean of the data</p></p>
17	Which method is best for understanding customer preferences.	<p>A. <p>Survey</p></p> <p>B. <p>Observation</p></p> <p>C. <p>Experiment</p></p> <p>D. <p>Case Study</p></p>
18	Standard deviation is.	<p>A. <p>Square root of variance</p></p> <p>B. <p>Square of variance</p></p> <p>C. <p>Half of variance</p></p> <p>D. <p>Sum of variance</p></p>
19	What is the square root of variance	<p>A. <p>Mean</p></p> <p>B. <p>Standard deviation</p></p> <p>C. <p>Median</p></p> <p>D. <p>Mode</p></p>
20	Which model predicts continuous numeric value	<p>A. <p>Logistic regression</p></p> <p>B. <p>Linear regression</p></p> <p>C. <p>k-means clustering</p></p> <p>D. <p>Accuracy</p></p>