

Computer Science Ics Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Data cleaning involves	<p>A. <p>Adding more data</p></p> <p>B. <p>Removing errors and inconsistencies</p></p> <p>C. <p>Creating charts</p></p> <p>D. <p>Writing reports</p></p>
2	If no numebr repeats in a dasetet, what does it have.	<p>A. <p>No mode</p></p> <p>B. <p>Two modes</p></p> <p>C. <p>One mode</p></p> <p>D. <p>Multiple Mode</p></p>
3	What technique estimats missing values using average.	<p>A. <p>Impulation</p></p> <p>B. <p>Interpolation</p></p> <p>C. <p>Flagging</p></p> <p>D. <p>Removal</p></p>
4	What is data analytiscs	<p>A. <p>Collecting data</p></p> <p>B. <p>Analyzing raw data</p></p> <p>C. <p>Deleting data</p></p> <p>D. <p>Storing data</p></p>
5	The meaning of the slope in a linear regression model	<p>A. <p>The inercept of the model</p></p> <p>B. <p>The change in the dependent variable for a unti change in the independetn variable</p></p> <p>C. <p>Teh error term</p></p> <p>D. <p>The mean of the data</p></p>
6	Numeric and measurable data is called	<p>A. <p>Quantitative</p></p> <p>B. <p>Text</p></p> <p>C. <p>Categorical</p></p> <p>D. <p>Visual</p></p>
7	Probability can be expressed as.	<p>A. <p>Only decimals</p></p> <p>B. <p>Only percentages</p></p> <p>C. <p>Fractions, decimals, or percentages&nbsp;&nbsp;&nbsp;</p></p> <p>D. <p>Only fractions</p></p>
8	An example of a real world application of statistical models.	<p>A. <p>Predicting house prices</p></p> <p>B. <p>Creating social medial posts</p></p> <p>C. <p>Desiging websites</p></p> <p>D. <p>Writing essays</p></p>
9	An event with a probability of 0 is	<p>A. <p>Certain</p></p> <p>B. <p>Impossible</p></p> <p>C. <p>Likely</p></p> <p>D. <p>Rare</p></p>
10	Which method involves asking a set of questions to a group	<p>A. <p>Experiment</p></p> <p>B. <p>Survey</p></p> <p>C. <p>Observation</p></p> <p>D. <p>Interview</p></p>
11	In probability , what is the total numebr of outcomes called.	<p>A. <p>Favorable outcomes</p></p> <p>B. <p>Sample space</p></p> <p>C. <p>Random events</p></p> <p>D. <p>Total outcomes</p></p>
12	Which step defines the problem in model building	<p>A. <p>Step&nbsp;&nbsp;&nbsp;1</p></p> <p>B. <p>Step 2</p></p> <p>C. <p>Step&nbsp;&nbsp;&nbsp;3</p></p> <p>D. <p>Step&nbsp;&nbsp;&nbsp;4</p></p>
13	What is the middle value hen data is arranged in order	<p>A. <p>Mean</p></p> <p>B. <p>Mode</p></p> <p>C. <p>Median</p></p> <p>D. <p>Standard Deviation</p></p>
14	Which model predicts categorical outcomes.	<p>A. <p>Linear regression</p></p> <p>B. <p>Logistic regression</p></p> <p>C. <p>Pca</p></p> <p>D. <p>Arima</p></p>

15	Which loss function is used in linear regression.	A. <p>log loss</p> B. <p>cross entropy loss</p> C. <p>Mean squared error</p> D. <p>Accuracy</p>
16	What is the output of logistic regression .	A. <p>Binary outcome 0 or 1</p> B. <p>Continuous value</p> C. <p>Time Series</p> D. <p>Cluster</p>
17	What is the square root of variance	A. <p>Mean</p> B. <p>Standard deviation</p> C. <p>Median</p> D. <p>Mode</p>
18	Which visualization is best for comparing categories.	A. <p>Line graph</p> B. <p>Bar Chart</p> C. <p>Scatterplot</p> D. <p>Histogram</p>
19	Standard deviation is.	A. <p>Square root of variance</p> B. <p>Square of variance</p> C. <p>Half of variance</p> D. <p>Sum of variance</p>
20	Which method allows researchers to understand cause and effect relationships	A. <p>Survey</p> B. <p>Observation</p> C. <p>Experiment</p> D. <p>Focus group</p>