

Computer Science Ics Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Which loss function is used in linear regression.	<p>A. <input type="radio"/> log loss</p> <p>B. <input type="radio"/> cross entropy loss</p> <p>C. <input checked="" type="radio"/> Mean squared error</p> <p>D. <input type="radio"/> Accuracy</p>
2	When is data removal acceptable	<p>A. <input type="radio"/> When many rows are missing</p> <p>B. <input checked="" type="radio"/> When only a few rows are missing</p> <p>C. <input type="radio"/> Always</p> <p>D. <input type="radio"/> Never</p>
3	A commonly used tool for creating data visualization	<p>A. <input type="radio"/> MS Excel</p> <p>B. <input type="radio"/> Python</p> <p>C. <input type="radio"/> Tableau</p> <p>D. <input checked="" type="radio"/> All of the above</p>
4	Which method involves asking a set of questions to a group	<p>A. <input type="radio"/> Experiment</p> <p>B. <input checked="" type="radio"/> Survey</p> <p>C. <input type="radio"/> Observation</p> <p>D. <input type="radio"/> Interview</p>
5	Testing changes under controlled conditions is known as.	<p>A. <input checked="" type="radio"/> Experiment</p> <p>B. <input type="radio"/> Survey</p> <p>C. <input type="radio"/> Observation</p> <p>D. <input type="radio"/> Focus group</p>
6	Which visualization is best for comparing categories.	<p>A. <input type="radio"/> Line graph</p> <p>B. <input checked="" type="radio"/> Bar Chart</p> <p>C. <input type="radio"/> Scatterplot</p> <p>D. <input type="radio"/> Histogram</p>
7	What does ethics in data science include.	<p>A. <input type="radio"/> Data theft</p> <p>B. <input checked="" type="radio"/> Fairness and bias</p> <p>C. <input type="radio"/> Ignoring privacy</p> <p>D. <input type="radio"/> Manipulating data</p>
8	Which measure indicates the "average" value in a dataset.	<p>A. <input checked="" type="radio"/> Mean</p> <p>B. <input type="radio"/> Median</p> <p>C. <input type="radio"/> Mode</p> <p>D. <input type="radio"/> Range</p>
9	Which tool is commonly used for creating visualizations.	<p>A. <input checked="" type="radio"/> Excel</p> <p>B. <input type="radio"/> Notepad</p> <p>C. <input type="radio"/> Word</p> <p>D. <input type="radio"/> Paint</p>
10	Which model predicts categorical outcomes.	<p>A. <input type="radio"/> Linear regression</p> <p>B. <input checked="" type="radio"/> Logistic regression</p> <p>C. <input type="radio"/> Pca</p> <p>D. <input type="radio"/> Arima</p>
11	What is statistical modeling used for.	<p>A. <input checked="" type="radio"/> Predict</p> <p>B. <input type="radio"/> Collect</p> <p>C. <input type="radio"/> Store</p> <p>D. <input type="radio"/> Design</p>
12	In probability, what is the total number of outcomes called.	<p>A. <input type="radio"/> Favorable outcomes</p> <p>B. <input checked="" type="radio"/> Sample space</p> <p>C. <input type="radio"/> Random events</p> <p>D. <input type="radio"/> Total outcomes</p>
13	Standard deviation is.	<p>A. <input checked="" type="radio"/> Square root of variance</p> <p>B. <input type="radio"/> Square of variance</p> <p>C. <input type="radio"/> Half of variance</p> <p>D. <input type="radio"/> Sum of variance</p>
14	Which of the first step in data analytics	<p>A. <input type="radio"/> Visualize</p> <p>B. <input checked="" type="radio"/> Collect</p> <p>C. <input type="radio"/> Model</p> <p>D. <input type="radio"/> Decide</p>
15	Numeric and measurable data is called	<p>A. <input checked="" type="radio"/> Quantitative</p> <p>B. <input type="radio"/> Text</p> <p>C. <input type="radio"/> Categorical</p>

		D. <p>Visual</p>
16	Which clustering method requires choosing the number of groups beforehand.	A. <p>Hierarchical clustering</p> B. <p>DbSCAN</p> C. <p>k- means clustering</p> D. <p>gaussian mixture model</p>
17	What technique estimates missing values using average.	A. <p>Imputation</p> B. <p>Interpolation</p> C. <p>Flagging</p> D. <p>Removal</p>
18	What is data analytics	A. <p>Coding </p> B. <p>Guessing</p> C. <p>Analyzing</p> D. <p>Designing</p>
19	Which measure shows the most frequently occurring value.	A. <p>Mean</p> B. <p>Median</p> C. <p>Mode</p> D. <p>Variance</p>
20	Which method is best for understanding customer preferences.	A. <p>Survey</p> B. <p>Observation</p> C. <p>Experiment</p> D. <p>Case Study</p>