

Computer Science Ics Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Statistics is a brance of	<p>A. <p>Physics</p></p> <p>B. <p>Chemistry</p></p> <p>C. <p>Mathematics</p></p> <p>D. <p>Biology</p></p>
2	Probabiliyt ranges between	<p>A. <p>-1 to 1</p></p> <p>B. <p>0 to 1</p></p> <p>C. <p>0 to 10</p></p> <p>D. <p>1 to 100</p></p>
3	What is the output of logistic regression .	<p>A. <p>Binary outcome 0 or 1</p></p> <p>B. <p>Continous value</p></p> <p>C. <p>Time Series</p></p> <p>D. <p>Cluster</p></p>
4	What is the first step after collecting data.	<p>A. <p>Visualization&nbsp;</p></p> <p>B. <p>Data preparation</p></p> <p>C. <p>Modeling</p></p> <p>D. <p>Presentation</p></p>
5	Which loss function is used in linear regression.	<p>A. <p>log loss</p></p> <p>B. <p>cross entropy loss</p></p> <p>C. <p>Mean squared error</p></p> <p>D. <p>Accuracy</p></p>
6	What is the square root of varieance	<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>
7	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>
8	Which chart is used to show distribution of data.	<p>A. <p>Line graph</p></p> <p>B. <p>Histogram</p></p> <p>C. <p>Pie chart</p></p> <p>D. <p>Boxplot</p></p>
9	A commonly used tool for creating data visualization	<p>A. <p>MS Excel</p></p> <p>B. <p>Python&nbsp;</p></p> <p>C. <p>Tableau</p></p> <p>D. <p>All of the above</p></p>
10	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>
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	Watching and recording behavior without interactio is known as.	<p>A. <p>Observation&nbsp;</p></p> <p>B. <p>Experiment</p></p> <p>C. <p>Survey</p></p> <p>D. <p>Case Study</p></p>
13	High Variance means.	<p>A. <p>Data&nbsp;</p></p> <p>B. <p>Data points are far from the mean</p></p> <p>C. <p>All values are teh same</p></p> <p>D. <p>There are missing values</p></p>
14	What does ethics in daa sciecne include.	<p>A. <p>Data theft</p></p> <p>B. <p>Fairness and bias</p></p> <p>C. <p>Ignoring privacy</p></p> <p>D. <p>Manipulating data</p></p>
15	Which measure indicates the "average" value in a dataset.	<p>A. <p>Mean</p></p> <p>B. <p>Median</p></p> <p>C. <p>Mode</p></p>

		D. <p>Range</p>
16	What is statistical modeling used for.	A. <p>Predict</p> B. <p>Collect</p> C. <p>Store</p> D. <p>Design</p>
17	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>
18	An event with a probability of 0 is	A. <p>Certain</p> B. <p>Impossible</p> C. <p>Likely</p> D. <p>Rare</p>
19	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>
20	Which model uses a decision threshold.	A. <p>Linear regression</p> B. <p>Logistic regression</p> C. <p>K means clustering</p> D. <p>pca</p>