

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	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>
3	Which of the following is not a tpe of data visualization.	<p>A. Bar chart</p> <p>B. Pie chart</p> <p>C. Equation</p> <p>D. Scatterplot</p>
4	What does ethics in daa sciecne include.	<p>A. Data theft</p> <p>B. Fairness and bias</p> <p>C. Ignoring privacy</p> <p>D. Manipulating data</p>
5	Statistics is a brance of	<p>A. Physics</p> <p>B. Chemistry</p> <p>C. Mathematics</p> <p>D. Biology</p>
6	Data cleaning involves	<p>A. Adding more data</p> <p>B. Removing errors and inconsistencies</p> <p>C. Creating charts</p> <p>D. Writing reports</p>
7	If no numebr repeats in a dasete, what does it have.	<p>A. No mode</p> <p>B. Two modes</p> <p>C. One mode</p> <p>D. Multiple Mode</p>
8	Probabiliyt ranges between	<p>A. -1 to 1</p> <p>B. 0 to 1</p> <p>C. 0 to 10</p> <p>D. 1 to 100</p>
9	The meaning of the slope in a linear regression model	<p>A. The inercpt of the model</p> <p>B. The change in the dependent variable for a unti change in the independetn variable</p> <p>C. Teh error term</p> <p>D. The mean of the data</p>
10	Which step tests how well the model performs.	<p>A. Model development</p> <p>B. Model evaluation</p> <p>C. Model training</p> <p>D. Model deployment</p>
11	Numeric and measurable data is called	<p>A. Quantitative</p> <p>B. Text</p> <p>C. Categorical</p> <p>D. Visual</p>
12	What is the square root of varieance	<p>A. Mean</p> <p>B. Standard deviation</p> <p>C. Median</p> <p>D. Mode</p>
13	Which measure shows the mostfrequently occurring value.	<p>A. Mean</p> <p>B. Median</p> <p>C. Mode</p> <p>D. Variance</p>
14	Which tool is commonly used for creating visualizations.	<p>A. Excel</p> <p>B. Notepad</p> <p>C. Word</p> <p>D. Paint</p>
		<p>A. MS Excel</p>

15	A commonly used tool for creating data visualization	B. <p>Python </p> C. <p>Tableau</p> D. <p>All of the above</p>
16	What is data analytics	A. <p>Collecting data</p> B. <p>Analyzing raw data</p> C. <p>Deleting data</p> D. <p>Storing data</p>
17	What is the first step after collecting data.	A. <p>Visualization </p> B. <p>Data preparation</p> C. <p>Modeling</p> D. <p>Presentation</p>
18	Which step defines the problem in model building	A. <p>Step < 1</p> B. <p>Step 2</p> C. <p>Step < 3</p> D. <p>Step < 4</p>
19	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>
20	Option not considered a benefit of data visualization.	A. <p>Identifying trends and patterns</p> B. <p>Communicating insights effectively </p> C. <p>Making data more complex</p> D. <p>Summarizing large datasets</p>