Computer Science Ics Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	What is data analystics	A. Collecting data B. Analyzing raw data C. Deleting data D. Storing data
2	A commonly used tool for creating data visualization	A. MS Excel B. Python C. Tableau D. All of the above
3	What is the middle value hen data is arrranged in order	A. Mean B. Mode C. Median D. Standard Deviation
4	What is statistical modeling used for.	A. Predict B. Collect C. Store D. Design
5	Standard deviationis.	A. Square root of variance B. Square of variance C. Half of variance D. Sum of variance
6	Probability can be expressed as.	A. Only decimals B. Only percentages C. Fractions, decimals, or percentages D. Only fractions
7	When is data removal acceptable	A. When many rows are missing B. When only a few rows are missing C. Always D. Never
8	Which clustering method requires choosing the number of grops beforehand.	A. Hierachical clustering B. Dbscan C. k- means clustering D. gaussian mixture model
9	What is clustering used for.	A. Making predictions B. Grouping similar items C. Calculating probabilities D. Finding averages
10	What is the output of logistic regression .	A. Binary outcome 0 or 1 B. Continous value C. Time Series D. Cluster
11	Testing changes under controlled conditions is known as.	A. Experiment B. Survey C. Observation D. Focus group
12	What does ethics in daa sciecne include.	A. Data theft B. Fairness and bias C. Ignoring privacy D. Manipulating data
13	What is the probability of gatting heads in a fair coin toss.	A. 0.5 B. 0.25 C. 0.75 D. 1
14	Which model uses a decision threshold.	A. Linear regression B. Logistic regression C. K means clustering D. pca
		A. Mean

15	What is the square root of varieance	B. Standard deviation C. Median D. Mode
16	Which visualizatio is best for comparing categories.	A. Line graph B. Bar Cart C. Scatterplot D. Histogram
17	Which method allows researchers to understand cause eand effect relationships	A. Survey B. Observation C. Experiment D. Focus group
18	In probability , what is the total numebr of outcomes called.	A. Favorable outcomes B. Sample space C. Random events D. Total outcomes
19	Which model predicts categorical outcomes.	A. Linear regression B. Logistic regression C. Pca D. Arima
20	Which tool is commonly used for creating visualizations.	A. Excel B. Notepad C. Word D. Paint