Computer Science Ics Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	What is clustering used for.	A. Making predictions B. Grouping similar items C. Calculating probabilities D. Finding averages
2	If no numebr repeats in a dateset, what does it have.	A. No mode B. Two modes C. One mode D. Multiple Mode
3	What is statistical modeling used for.	A. Predict B. Collect C. Store D. Design
4	Which clustering method requires choosing the number of grops beforehand.	A. Hierachical clustering B. Dbscan C. k- means clustering D. gaussian mixture model
5	What is the first step after collecting data.	A. Visualization B. Data preparation C. Modeling D. Presentation
6	Which measure indicates the "average" value in a dataset.	A. Mean B. Median C. Mode D. Range
7	What is data analyscis	A. Collecting data B. Analyzing raw data C. Deleting data D. Storing data
8	What is data analytics	A. Coding B. Guessing C. Analyzing D. Designing
9	Which tool is commonly used for creating visualizations.	A. Excel B. Notepad C. Word D. Paint
10	Which visualizatio is best for comparing categories.	A. Line graph B. Bar Cart C. Scatterplot D. Histogram
11	Numeric and measurable data is called	A. Quantitative B. Text C. Categorical D. Visual
12	Which of the first step in data analytics	A. Visualize B. Collect C. Model D. Decide
13	Standard deviationis.	A. Square root of variance B. Square of variance C. Half of variance D. Sum of variance
14	Which measure shows the mostfrequently occurring value.	A. Mean B. Median C. Mode D. Variance
15	What does ethics in daa sciecne include.	A. Data theft B. Fairness and bias C. Ignoring privacy D. Manipulating data

16	Which step tests how well the model performs.	A. Model development B. Model evaluation C. Model training D. Model deployment
17	Which chart is used to show distribution of data.	A. Line graph B. Histogram C. Pie chart D. Boxplot
18	In probability , what is the total numebr of outcomes called.	A. Favorable outcomes B. Sample space C. Random events D. Total outcomes
19	An example of a real world application of statistical models.	A. Predicting house prices B. Creating social medial posts C. Desiging websites D. Writing essays
20	Watching and recording behavior without interactio is known as.	A. Observation B. Experiment C. Survey D. Case Study