

## 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	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>
3	In probability , what is the total numebr of outcomes called.	<p>A. Favorable outcomes</p> <p>B. Sample space</p> <p>C. Random events</p> <p>D. Total outcomes</p>
4	Which measure shows the mostfrequently occurring value.	<p>A. Mean</p> <p>B. Median</p> <p>C. Mode</p> <p>D. Variance</p>
5	Which clustering method requires choosing the number of groups beforehand.	<p>A. Hierarchical clustering</p> <p>B. Dbscan</p> <p>C. k- means clustering</p> <p>D. gaussian mixture model</p>
6	What is statistical modeling used for.	<p>A. Predict</p> <p>B. Collect</p> <p>C. Store</p> <p>D. Design</p>
7	An example of a real world application of statistical models.	<p>A. Predicting house prices</p> <p>B. Creating social medial posts</p> <p>C. Designing websites</p> <p>D. Writing essays</p>
8	What is the square root of variance	<p>A. Mean</p> <p>B. Standard deviation</p> <p>C. Median</p> <p>D. Mode</p>
9	High Variance means.	<p>A. Data points are close to the mean</p> <p>B. Data points are far from the mean</p> <p>C. All values are teh same</p> <p>D. There are missing values</p>
10	What is data analytics	<p>A. Coding</p> <p>B. Guessing</p> <p>C. Analyzing</p> <p>D. Designing</p>
11	When is data removal acceptable	<p>A. When many rows are missing</p> <p>B. When only a few rows are missing</p> <p>C. Always</p> <p>D. Never</p>
12	An event with a probability of 0 is	<p>A. Certain</p> <p>B. Impossible</p> <p>C. Likely</p> <p>D. Rare</p>
13	Which method involves asking a set of questions to a group	<p>A. Experiment</p> <p>B. Survey</p> <p>C. Observation</p> <p>D. Interview</p>
14	Watching and recording behavior without interactio is known as.	<p>A. Observation</p> <p>B. Experiment</p> <p>C. Survey</p>

		D. <p>Case Study</p>
15	Which model predicts continuous numeric value	A. <p>Logistic regression</p> B. <p>Linear regression</p> C. <p>k-means clustering</p> D. <p>Accuracy</p>
16	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>
17	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>
18	What is the probability of getting heads in a fair coin toss.	A. <p>0.5</p> B. <p>0.25</p> C. <p>0.75</p> D. <p>1</p>
19	What does ethics in data science include.	A. <p>Data theft</p> B. <p>Fairness and bias</p> C. <p>Ignoring privacy</p> D. <p>Manipulating data</p>
20	Which visualization is best for comparing categories.	A. <p>Line graph</p> B. <p>Bar Chart</p> C. <p>Scatterplot</p> D. <p>Histogram</p>