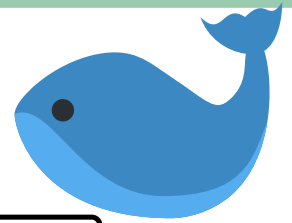
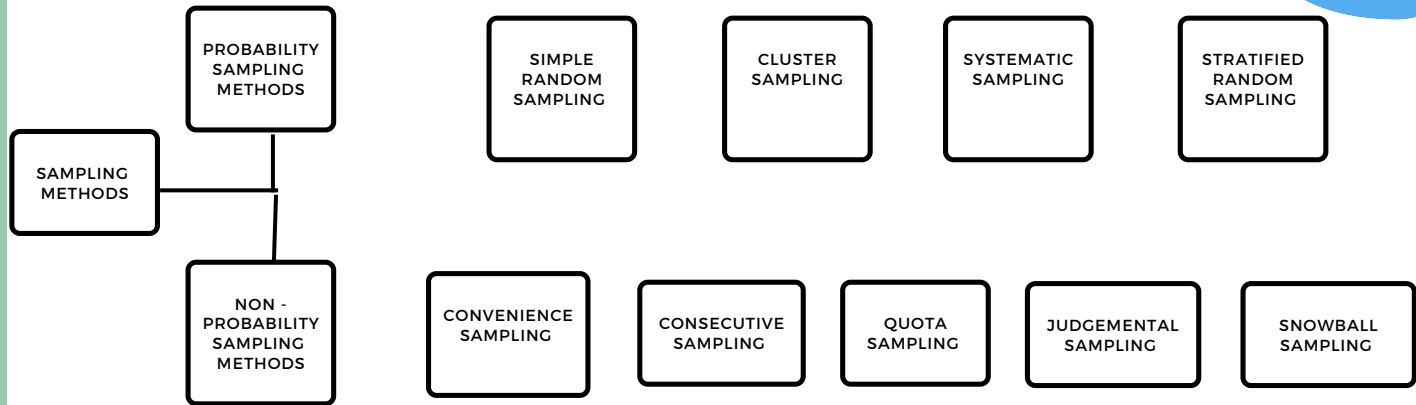


SAMPLING TECHNIQUES



METHODS OF SAMPLING:



Identify the sampling technique for each of the following.

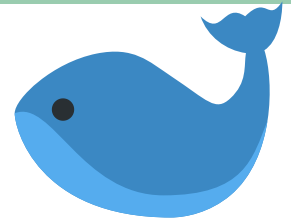
1. A sample of 1,000 was sought to estimate the average in maths of fourth graders in a city's private schools. The average fourth grade enrollment in the city's schools is 80 students. Thus, 15 schools were randomly selected and within each of those schools all fourth graders were tested.

Identify the type of random sampling in each of the following scenarios.

2. The principal randomly selects four classes and surveys each student in those classes?
3. A school wants to survey its students. They choose a sample by putting every student's name into a bowl and then drawing names from the bowl. Which of the following is the sampling method used?
4. Mrs. Sudha samples her class by selecting 4 girls and 8 boys. This type of sampling is called?
5. Mr. Rajesh samples his class by selecting every third person on his class list. Which type of sampling method is this?
6. Mrs. sudha samples her class by selecting all students sitting at blue house and red house in her classroom. This sampling technique is called?
7. Mrs. sudha samples her class by picking 10 numbers from the bowl and each number is assigned to a student. This sampling technique is called?



SAMPLING TECHNIQUES



METHODS OF SAMPLING:

ANSWERS

1. Cluster Sampling is being used because clusters were identified (i.e., schools) and all fourth graders within the cluster (i.e., school) were sampled.
2. Stratified Sampling
3. Simple random sampling
4. Stratified sampling
5. Systematic sampling
6. Cluster sampling
7. Simple sampling

