

1. List the four steps involved in Genetic algorithm.
2. What is selection?
3. Differentiate Numerical and categorical clustering.
4. What is PAM?
5. Expand DBSCAN? Why it is used?
6. List out different types of categorical clustering.
7. What is STIRR?
8. What is noise in clustering?

Long Answer Questions

1. Explain mutation and crossover operation in genetic algorithm.
2. Write a short note on genetic algorithm.
3. Explain fitness and selection operation.
4. Write a short note on partitioning clustering.
5. Write a short note on k-medoid algorithm.
6. Write a note on CLARA.
7. Write a short note on hierarchical algorithm. (5 Marks)
8. Explain DBSCAN algorithm. (10 Marks)
9. Write a note on STI RR