

DATA SCIENCE ASSIGNMENT

Day - 35:

- 1. Which clustering algorithm is known for its ability to identify clusters of arbitrary shapes and sizes based on the density of data points?**
- 2. What clustering algorithm is based on a centroid-based approach and requires specifying the number of clusters before the algorithm runs?**
- 3. Which clustering algorithm is capable of automatically determining the number of clusters and is known for handling non-convex shapes?**
- 4. How can you handle the issue of initialization sensitivity in K-Means? write example.**
- 5. What are the key parameters of the Mean Shift algorithm, and how do they influence its performance?**

