

13. Why is K means better?

K means clustering is better due to its relatively simple to implement, scales to large datasets, guarantee convergence, easily adapts to new data points, generalizes to clusters of different shapes and size, such as elliptical cluster.

14. Is K means a deterministic algorithm?

The basic k-means clustering is based on a non-deterministic algorithm. This means that running the algorithm several times on the same data, could give different results. However, to ensure consistent results, FCS Express performs k-means clustering using a deterministic method.

12. Is K sensitive to outliers?

YES K means is sensitive to outliers, means k-means can be used as an outliers detection.