

K-MEANS CLUSTERING

- Nitin Gandhi

PROS

- Easy to Implement.
- Computationally Fast(if K is small.)
- Not stable(because of initial points.)
- Random initial Centroids.

CONS

- Difficult to predict K .
- Initial Seed has Impact on clusters.
- It does not works well with clusters of different sizes and densities.

PSEUDOCODE

Select K random centroids

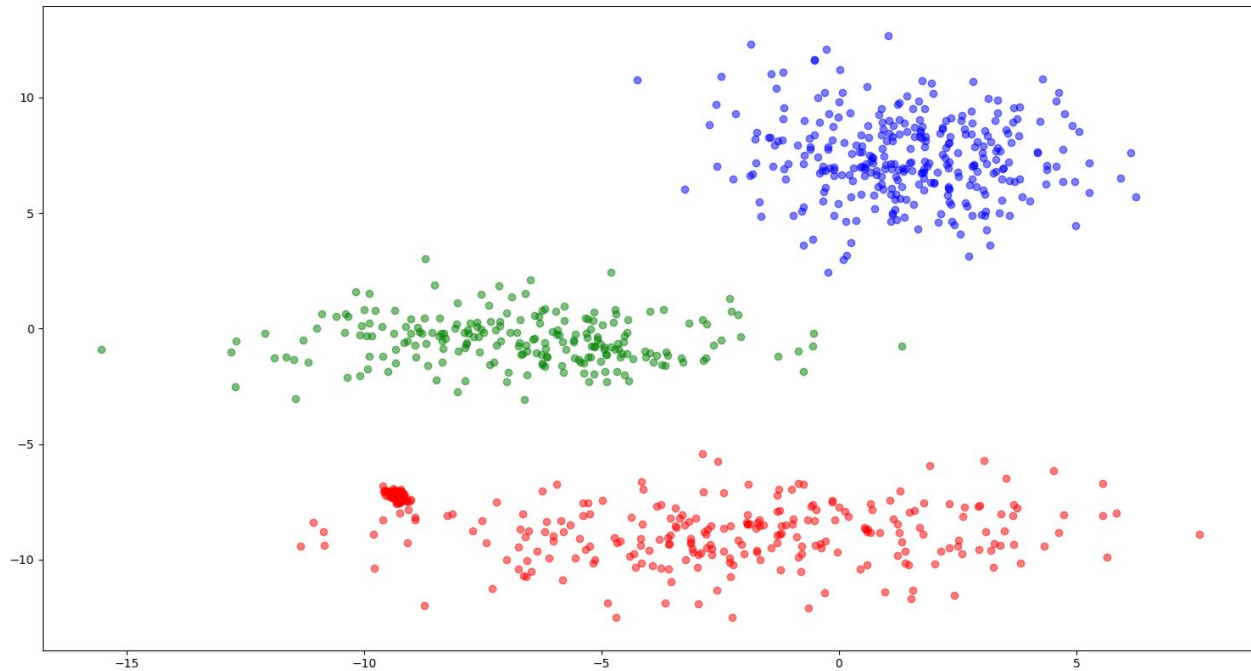
Repeat until convergence:

Put each datapoint in nearest Centroid's bucket

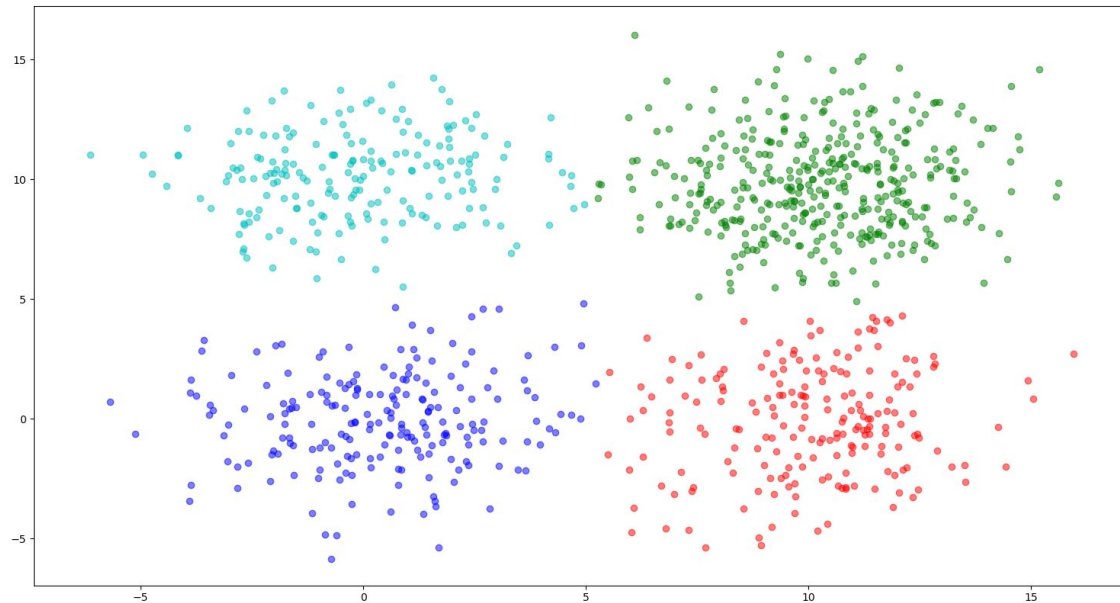
Recalculate new centroid using these buckets

Complete Implementation: [K-Means Implementation](#)

RESULTS



RESULTS



END OF SLIDE

- LIKE
- SHARE
- SUBSCRIBE