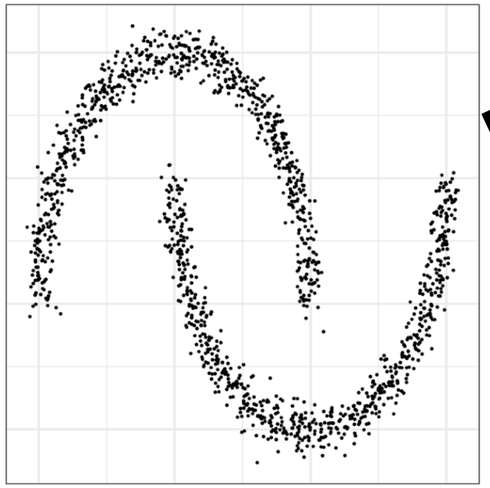
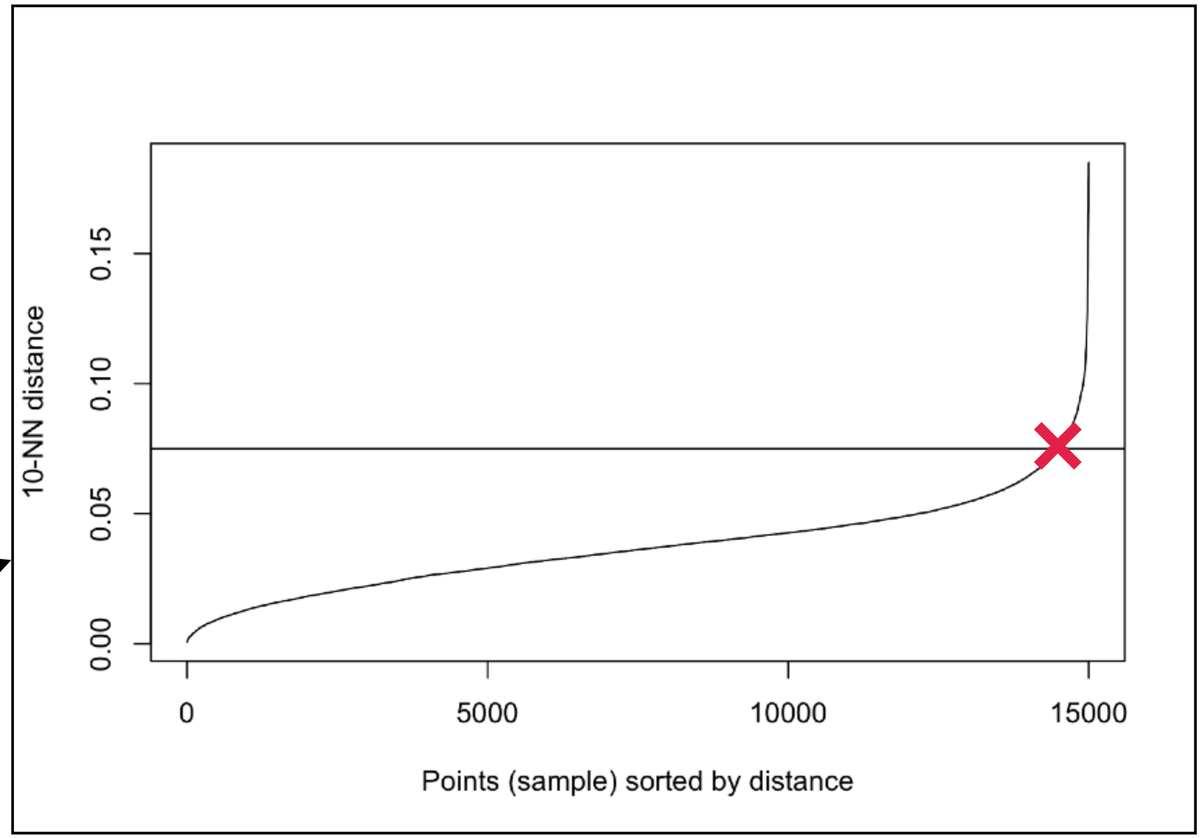
Hyperparameter Tuning

- Domain Knowledge + Distance Metrics
- More rows = larger *min_pts*
- More noise = larger *min_pts*
- More features = larger *min_pts*
- Elbow method: plot distances against data points to choose *eps*





Applications

Figure 9 presents a sample image that was segmented using DBSCAN. In the figure, the individual clusters are regrouped together forming close to the original image. It can be observed that the pixels of similar color are clustered together.

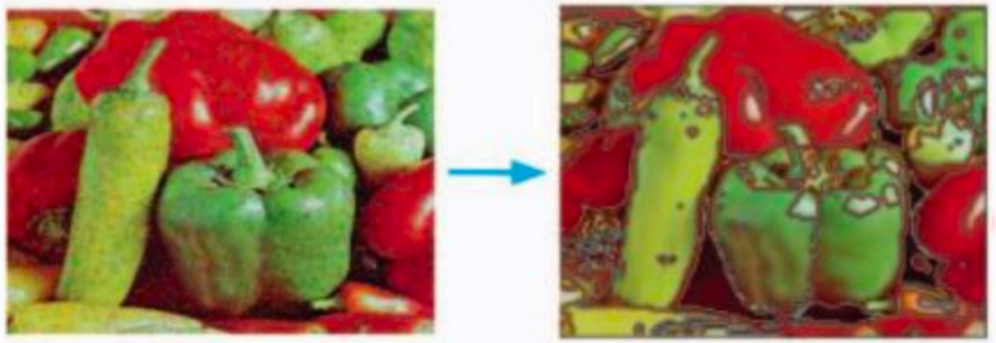
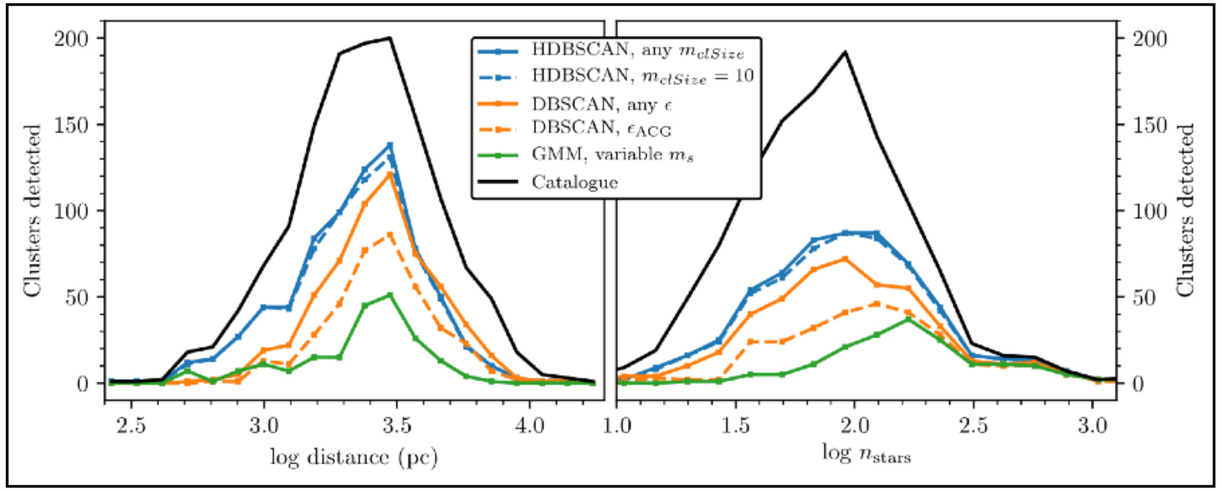


Figure 9: DBSCAN Example Result. [11]

[source]



[source]