DBSCAN (Density-based spatial clustering of applications with noise)

The DBSCAN algorithm uses two major parameters:

* **minPts:** The minimum number of points (a threshold) clustered together for a region to be considered dense i.e. the minimum number of data points that can form a cluster
* **eps (ε):** A distance measure that will be used to locate the points in the neighborhood of any point.

In this method, there are three different types of data points:

1. **Core data point:** A data point which has at least ‘minPts’ within the distance of ‘ε’.
2. **Border data point:**A data point which is in within ‘ε’ distance from core data point but not a core point.
3. **Noise data point:**A data point which is neither core nor border data point.















