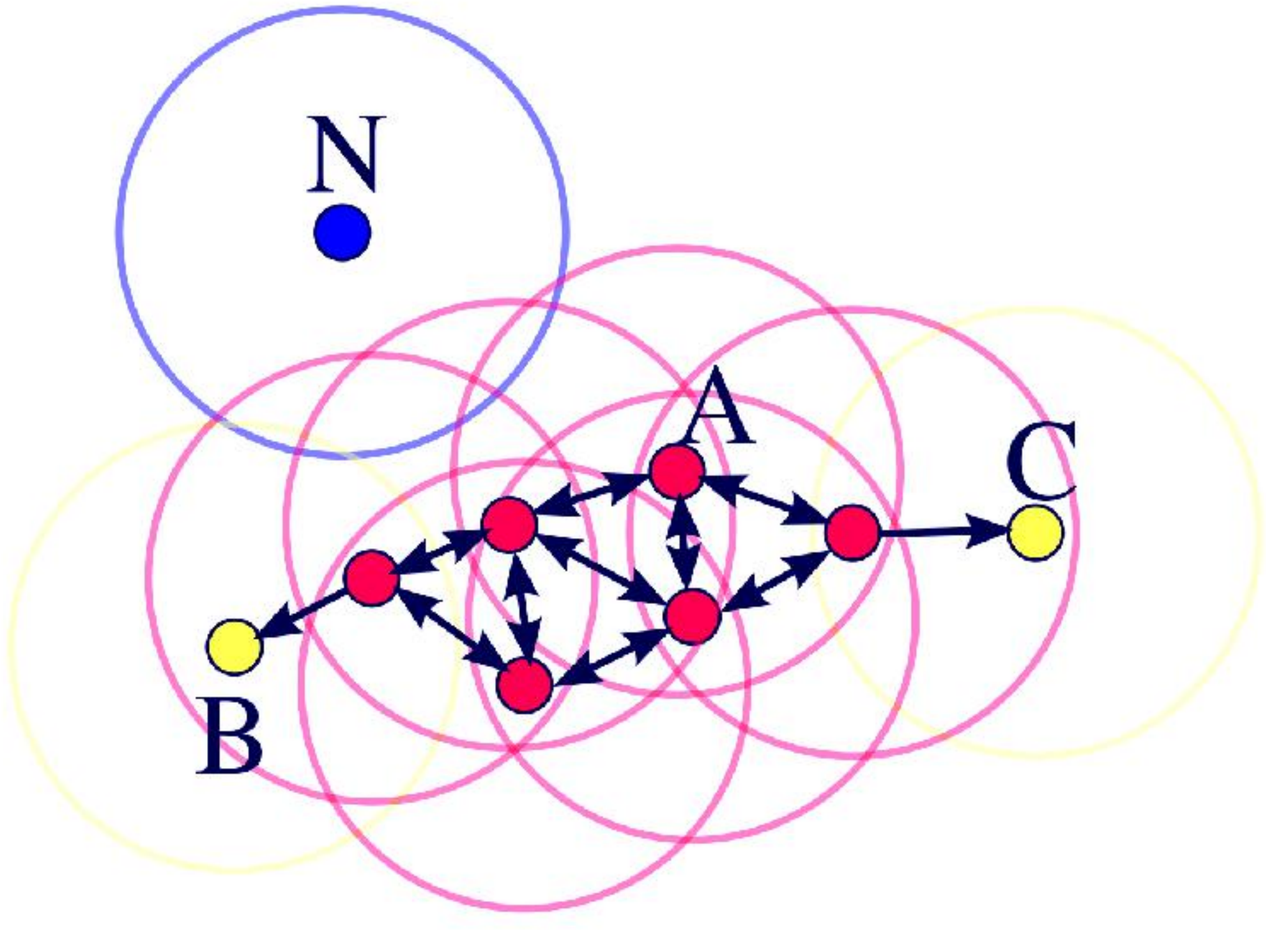
DBSCAN: Definitions and Algorithm Outline

- $\mathbf{x}_i$ and $\mathbf{x}_j$ are connected if $\exists\, \mathbf{x}_k$ from which $\mathbf{x}_i$ and $\mathbf{x}_j$ are reachable
- any point reachable from a point in the cluster belongs to the cluster
- all points in a cluster are mutually connected (solves the edge problem)



source: `https://en.wikipedia.org/wiki/DBSCAN`