

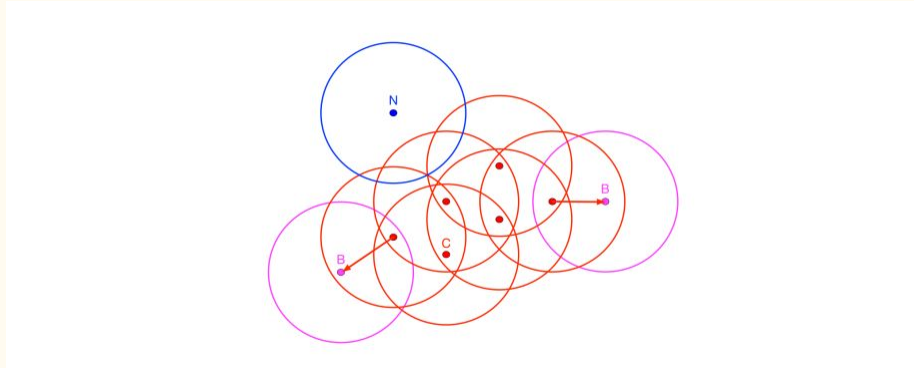
# DBSCAN and RANSAC

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A Short Introduction

# DBSCAN

- Stands for Density-Based Spatial Clustering of Applications with Noise.
- A very simple algorithm which requires only 2 parameters -  $\epsilon$  (radius of the hypersphere) and *Min\_Points* (Minimum number of points required within a hypersphere to be considered a cluster/core point).
- Drawbacks - Too simple.



# RANSAC

- Stands For RANdom SAmple Consensus.
- Needs 3 input parameters - Min Samples, Max Trials, Threshold. Another parameter called stop\_score is optional.
- Why is it optional?

