



Session 2: DBSCAN: A Density-Based Clustering Algorithm

Online Quiz

- ☐ Given Eps and $Minpts$, which of the following statements are correct?
 - ☐ If p is directly density-reachable from a point q , q is also directly density-reachable from p ;
 - ☐ If p is density-reachable from a point q , q is also density reachable from p ;
 - ☐ If p is directly density-reachable from a point q , p is density-reachable from a point q ;
 - ☐ If p is density-connected to a point q , q is also density-connected to a point to p .
- ☐ Answer: 3, 4
 - ☐ Incorrect since p may not be a core point. It is correct only if p is a core point.
 - ☐ Incorrect for reasons similar to directly density-reachable. It is correct only if p is a core point.
 - ☐ Correct. The chain contains only two points, p and q ;
 - ☐ Correct. Since p is density-connected to a point q , there is a point o such that both q and p are density-reachable from o .