

Outline

- * Background Outlier Definitions
- Develop LOF
 k-nearest neighborhood
 Reachability distance

LOF

- Properties of LOF LOF Estimation Bounds
- Experimental Results Soccer data Hockey Data Larger Datasets
- * Advantage and Disadvantages
- * Conclusion

























Impact of MinPts

Background DevelopLOF Properties of LOF Experimental Results Pros and Cons Conclusion

Impact of MinPts

Reminder: MinPts is the minimum number of points in a neighborhood MinPts is the only parameter for LOF

It is therefore important to understand how changing MinPts impacts LOF

Consider the result of changing MinPts over a Gaussian cluster dataset.







