

Universitat Politècnica de Catalunya

Facultat de Matemàtiques i Estadística

Master's degree in Advanced Mathematics and Mathematical
Engineering

Algorithmics for Data Mining
Master in Innovation and
Research in Informatics

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Date

Abstract

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Preface

1 Naive Bayes Predictor

2 Quality of the predictor

3 Nearest Neighbors

3.1 Computacional options

3.1.1 Multidimensional search trees

3.1.2 Proximity graphs

3.1.3 Locality-sensitive hashing

Goal: - Collision probability for SIMILAR objects is high enough - dissimilar .. is rather low

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A Appendix

References

- [Akk] C. Akkoç “Non-Deterministic Scales Used in Tradicional Turkish Music” *Journal of New Music Research* **31** N^a4, Swets and Zeitlinger (2002)
- [ANSI] American National Standards Institute *USA Standard acoustic terminology*, S1.1 1960