Abstract

Spatial data mining is a mining knowledge from large amounts of spatial data. Spatial data mining algorithms can be separated into four general categories: clustering and outlier detection, association and co-location method, trend detection and classification. All these methods have been compared according to various attributes. This paper introduces the fundamental concepts of widely known spatial data mining algorithms in a comparative way. It focuses on techniques and their unique features.

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Index Terms

Computer Science  Information Science

Keywords

Spatial clustering  Clustering and Outlier Detection  Association and Co-Location
Classification
Trend-Detection
Clustering algorithms
Knowledge Discovery in Database