

{tag}

{/tag}

IJCA Proceedings on National Conference
cum Workshop on Bioinformatics and Computational Biology

© 2014 by IJCA Journal

NCWBCB - Number 1

Year of Publication: 2014

Authors:

S. Aswini

A. Kumaresan

K. Vijayakumar

D. Murali

{bibtex}ncwbc1401.bib{/bibtex}

Abstract

Constraint based clustering that satisfies set of user-defined constraint. Constraint-based

clustering is an example of a mining task where flexibility is desirable. It is a generalization of standard clustering in which the user can impose constraints on the clustering to be found, such as similar and dissimilar constraints. Feature selection involves recognizing a subset of the most constructive features that produces companionable outcomes as the innovative intact set of traits. Feature selection, as a data for preliminary considered. Features are processing step is effectual in reducing the spatial property, confiscate irrelevant data, mounting learning accuracy. We proposed an algorithm for the Region of Influence (ROI). The algorithm is numb to the order in which the pairs are divided into cluster by using relative neighborhood graphs (RNGs).

Refer

ences

- <http://forum.jntuworld.com/Data-Warehousing-and-Data-Mining>
- Yu L. and Liu H. , Feature selection for high-dimensional data: a fast correlation-based filter solution, in Proceedings of 20th International Conference on Machine Learning, 20(2), pp 856-863, 2003.
- Toward Integrating Feature Selection Algorithms for Classification and Clustering Huan Liu, Senior Member, IEEE, and Lei Yu, Student Member, IEEE
- Jaromczyk J. W. and Toussaint G. T. , Relative Neighborhood Graphs and Their Relatives, In Proceedings of the IEEE, 80, pp 1502-1517, 1992
- Construction of Decision Tree : Attribute Selection Measures R. Aruna devi¹, Dr. K. Nirmala
- <http://www.icsd.aegean.gr>
- . Algorithm for computation of Relative Neighborhood Graph Electronics Letters 3rd july 1980 vol. 16,no. 14
- Good Approximation for the Relative Neighborhood Graph Diogo Vieirer Andrade , Luiz Henrique de Figueiredo
- Constraint Based Clustering in Large Database Anthony K. H. Tong, jiaweihan ,Laks V. S. Lakshmanan]
- A Fast Clustering-Based Feature Subset Selection Algorithm for High Dimensional Data Qinbao Song, Jingjie Ni and Guangtao Wan

Index Terms

Computer Science

Algorithms

Keywords

Relative Neighborhood Graphs Region Of Influence Feature Subset Selection.