

## International Journal of Computer Science and Mobile Computing

A Monthly Journal of Computer Science and Information Technology

ISSN 2320-088X

IJCSMC, Vol. 3, Issue. 3, March 2014, pg.445 – 452

### RESEARCH ARTICLE



# Categorization of Data Mining Tools Based on Their Types

J.Mary Dallfin Bruxella<sup>1</sup>, S.Sadhana<sup>2</sup>, S.Geetha<sup>3</sup>

<sup>1</sup>Asst.prof.Department of Computer Science, KSR College of arts & science, Tiruchengode

<sup>2,3</sup>M.Phil, Department of Computer Science, Sri Vijay Vidyalaya College of Arts & Science, Dharmapuri

<sup>1</sup> dallfin.j@gmail.com; <sup>2</sup> sadhanasaravanan@gmail.com; <sup>3</sup> geethapmp@yahoo.com

---

*Abstract— Data mining the extraction of hidden predictive information from large databases is a powerful new technology with great potential to help companies focus on the most important information in their data warehouses. The development and application of data mining algorithms requires the use of powerful software tools. As the number of available tools continues to grow, the choice of the most suitable tool becomes increasingly difficult. This paper attempts to support the decision-making process by discussing the historical development and presenting a range of existing state-of-the-art data mining and related tools. This paper is organized as follows: the first section Introduction about Data Mining. The criteria to compare data mining software are explained in the second section Review of Data Mining Tools. The last section Categorization of Data Mining Software into Different Types proposes a categorization of data mining software and introduces typical software tools for the different types.*

*Keywords— Data mining tools; Rapid miner; Decision making; MATLAB; WEKA; SPSS*

---

Full Text: <http://www.ijcsmc.com/docs/papers/March2014/V3I3201499a26.pdf>