



**RESEARCH ARTICLE**

# Improved Data Reduction Technique in Data Mining

Pritesh Vora<sup>1</sup>, Bhavesh Oza<sup>2</sup>

<sup>1</sup>Information Technology, Gujarat Technological University, L.D. College of Engineering, Ahmedabad, India

<sup>2</sup>Computer Engineering Department, Gujarat Technological University, L.D. College of Engineering, Ahmedabad, India

<sup>1</sup> [pritesh2212@gmail.com](mailto:pritesh2212@gmail.com); <sup>2</sup> [bhavesh\\_oza\\_2001@yahoo.com](mailto:bhavesh_oza_2001@yahoo.com)

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***Abstract— In Data Mining, Data reduction is important issue now a day. Due to huge size of data but maximum of them is irrelevant to objective or some of the data is redundant, which leads to more processing power consumptions and wrong result generation. Data Reduction implies reducing the data but without compromising integrity of it. Decision Tree, attribute subset selections, clustering, data cube aggregation is different techniques basically used for data reduction. Decision tree is a highly effective structure which is gives the possible outcome. In a decision tree in which each branch node represent a choice between alternatives and each node represent the decision or classification. Here we see the generalize algorithm and apply the decision tree technique for reliable outcomes.***

***Key Terms: - Data mining; Decision tree; Data reduction***

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