

## IMPROVISATION OF DATA MINING TECHNIQUES IN CANCER SITE AMONG VARIOUS PATIENTS USING MARKET BASKET ANALYSIS ALGORITHM

SUNIL YADAV<sup>1</sup> & GAJANAND SHARMA<sup>2</sup>

<sup>1</sup>Department of Computer Science & Engineering, Gyan Vihar School of  
Engineering and Technology, Jaipur, India

<sup>2</sup>Associate Professor, Department of Computer Science & Engineering,  
Gyan Vihar School of Engineering and Technology, Jaipur, India

### ABSTRACT

Hospital inspection supervision or healthcare industries are the region with reference to leadership, management and administration of hospitals, hospital networks and healthcare system. In these days healthcare business generate very large amount of complicated data they are basically found unstructured, incomplete and lot of human mistake for different type of diseases. Healthcare data collected from different type of data source like patients, electronic patient's records, medical devices, laboratory, blood bank, drug store and another hospital resources. The large amount of information, knowledge may be a key source of processed analyzed for knowledge extraction that's permits support maintenance for cost saving and higher perceptual process. Data mining introduce a collection of different type of tool and technique in order to may be applied to the current processed information to getting hidden patterns so that offer healthcare business an additional or further extra source of information for better conclusion for the administration. This paper provide various data mining algorithm used by health care analytics and also we focus on represent analytical data on systematically way to provide result using different data mining algorithm.

**KEYWORDS:** Healthcare, Hospital, Data Mining, Hidden Patterns