



## **PERFORMANCE ANALYSIS OF MACHINE LEARNING TECHNIQUES FOR MICROARRAY GENE EXPRESSION CANCER DIAGNOSIS**

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### **ABSTRACT**

*The multicategory cancer classification is playing a vital role in the field of medical sciences. As the numbers of cancer victims are increasing steadily, the necessity of the cancer classification techniques has become indispensable. Effective cancer classification is very important for the cancer diagnosis and it is one of the active areas of research in the field of medical science. This research mainly focuses on the development of an effective multicategory classification for microarray gene expression cancer diagnosis using machine learning techniques for significant accuracy, reliability and less error rate.*

*Key words: cancer Classification, Multicategory, Microarray, Gene expression, Machine Learning*

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