



**RESEARCH ARTICLE**

# Using Some Data Mining Techniques to Predict the Survival Year of Lung Cancer Patient

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*Abstract— The early detection of lung cancer is a challenging problem, due to the structure of the cancer cells, where most of the cells are overlapped with each other. This paper presents the feature extraction process and neural network classifier to check the state of a patient in its early stage whether it is normal or abnormal. After that we predict the survival rate of a patient by extracted features.*

*Key Terms: - Neural Network Classifier; Data Mining; CT-Scan Images; Feature Extraction; Survival Rate*

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