

Early Analysis and Prediction of Lung Cance

using Machine Learning Classifiers

Abstract

Machine Learning (ML) models have been increasingly utilized to analyze clinical data, medical imaging, and patient demographics, showing promising accuracy in various healthcare applications. The field of ML classification models is rapidly evolving, with the potential to significantly enhance diagnostic accuracy and patient outcomes. This proposed research introduces novel ML models designed for the early prediction and analysis of lung cancer, aiming to facilitate timely intervention and improve treatment effectiveness.

Keywords: Machine Learning, Clinical Data, Medical Imaging, Patient Demographics, Lung Cancer Prediction