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Lung Cancer Detection using Neural Network

MD Wasim Sheikh¹ and Dr. Hitanshu Saluja²

Research Scholar, Department of ECE, Ganga Technical Campus, Soldha, Bahadurgarh, India¹ Head of Department, Department of ECE, Ganga Technical Campus, Soldha, Bahadurgarh, India²

Abstract: Lung Cancer is the most debilitating sort in one of the deadliest malignancies type of tumor. Over the most recent couple of years the event of destructive tumor has always extended, in light of the fact that the fix of the illness relies upon its underlying judgment. Two noteworthy sorts of lung tumor, Small cell & Non-small cell lung cancer. The lungs are typically expansive in measure subsequently tumors can develop in them for quite a while before they are found. Notwithstanding when the manifestations, for example, fatigue and coughing happen, individuals think they are because of different causes. The approach of new ground-breaking equipment and programming strategies has activated endeavors to create PC helped symptomatic frameworks for Cancer identification in help of reasonable mass screening in creating nations. Mechanized lung division in thoracic figured tomography examines is fundamental for the advancement of computer-aided diagnostic (CAD) techniques. The accuracy is achieved up to 97.3 %.

Keywords: CT Scan, Lung Cancer, ANN

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