Using technology to save lives!

Leveraging the power of
AI and Deep Learning
to increase early detection of cancer!

Detect

Introduction

Lung cancer is one of the most killerdiseases in the developing countries and the detection of the cancer at the early stage is a challenge. Analysis and cure of lung malignancy have been one of the greatest difficulties faced by humans over the most recent couple of decades. Early identification of tumor would facilitate in sparing a huge number of lives over the globe consistently.

This project presents lung cancer detection based on chest CT images using CNN. In the first stage, lung regions are extracted from the CT images. The extracted images are used to train the CNN architecture. Then, CNN is used to test the patient images. The main objective of this study is to detect whether the tumor present in a patient's lung is malignant or benign. A web application is built which gives the feasibility of uploading a CT scan image. This app is integrated with a model. The model detects the tumor and the prediction is shown on the UI.

Top

Upload your image

Select

Upload your image

Select

Result: Cancer is seen. We recommend you to get in touch with an oncologist at the earliest.

Lung Cancer Detection In Radiology Images

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