



Artificial Intelligence Based COVID Signature Detection Software

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An AI Based Tool for COVID19 Signature Analysis Using X-Ray and CT scan images

The software takes the X-Rays and CT scans in digital format and analyses the X-Ray reports through uploading the images which is followed by detailed report about the patient suffering from COVID19 or similar ailments.

Benefits of Technology in Healthcare

Most of the healthcare organizations are facing a crunch because of the pandemic. Technology helps organizations to optimize the treatment pipelines in a organized way.

Automation of the process always makes the process faster and increases the efficiency of the turn around time for treating patients.

Right usage of technology helps the organization to arrive to desired outcomes to address the pandemic treatments.

Overview

COVID is one of the pandemic situations which is difficult to manage and the decisions of the healthcare systems are of utmost importance. There are similar ailments which causes similar symptoms which are also considered fatal. The particular diagnosis tool helps to make the decision quite faster.

The solution is very important at this time of pandemic where the cases are rising and there are lots of hassle on the testing centers. The technology apprehended the patients with the mild and severe conditions. The tool assists other technologies and mandatory tests that are being advised by the respective governments.

The COVID diagnosis tool analyses the disease without touching and with no protective equipment. It is economical and easy to use.

The software has 3 parts-

- 1) X-Ray based COVID Detection.
- 2) CT Scan based COVID Detection.
- 3) X-Ray based Pneumonia Detection for Children.



Features of the Software

X-Ray COVID Detection along with other ailments for adults which analyzes the various fibrosis and other lung cavity disfunction rates to analyze lung disorder conditions.

CT Scan COVID Detection for adults which analyzes lung CT scan images of the patients which can be added advantage to determine COVID situations.

X-Ray detection for children shows the severe pneumonia contractions in lungs which may be further investigated as to understand the probability of having COVID as children are more vulnerable to the infection.

Unique Propositions of the Software

It detects COVID adult patients based on X-ray images in less than 10 seconds with less than a 5% error rate.

It takes any type (high as well as low resolution) of an X-Ray image for detection.

It helps in detecting COVID patients with lung CT scan images.

It helps out to find extreme pneumonia conditions for children who might be prone to COVID symptoms.

The test could really ease the pressure on Real-Time PCR based detection of COVID patients as the number of X-Ray facilities outnumbers the Real-Time PCR based facilities.

About Us

Scinokine Technologies has been helping companies reach their financial and branding goals through data analytics and advanced computing.

Over the years, we have worked with corporate and businesses to generate profits by building awareness, driving traffic, connecting with customers and growing overall optimization through advanced methods of analytics and computation.

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