



Chapter

## Sectional Convolutional Neural Network (S-Cnn) Model for Automated Covid Ct-Scan Images Recognition

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### ABSTRACT

COVID-19 can infect humans; therefore, its rapid detection is of the utmost importance. This project aims to discover and classify the Coronavirus using machine learning. The Computer-Aided Diagnosis (CAD) system should identify and acknowledge the Coronavirus in the CT-Lung examination to differentiate and classify COVID-19. Some doctors believe that RT-PCR is the most effective method for detecting coronavirus infection, while others believe that CT scans of the lungs are more reliable and less expensive. In this investigation, we