A Personalized Profound Complicational Neural Network for Covid-19 Detection

Dr. R. Natchadalingam
Department of Data Science
R. L. Jalappa Institute of Technology, Doddaballapura, Karnataka, India

Abstract*: The world is still experiencing the devastation caused by the covid-19 virus. It is vital notonly to promote the vaccine and have people vaccinated as soon as possible, but it is also important to test more individuals and isolate those who are sick from the general population and stop the disease spread. While the nasal swab test model is now used over the world to identify covid patients, radiography evaluation provides an alternative and more efficient method. This proposed work utilizes Personalized Profound Complication Neural Network (PPCNN) technique and identify patients who test positive for Covid-19 on chest X-rays. Theoutput accuracy of the proposed model is 97.93 percent when using openly accessible chest X-ray images*

Keywords: Personalized Profound Complication Neural Network (PPCNN), Covid-19 Detection,Chest X-Rays

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