

Project Proposal



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COVID-19 Deep Learning Prediction Model Using X-Ray Images

OVERVIEW

This project serves the health sector to save a lot of effort and money. In this project, we will see by using Deep learning if the case is for injured or uninjured. The idea of the project is to know if the X-ray images for the patient are infected or not, based on the X-ray pictures

GOALS

Make a model that recognizes and classifies X-ray images
Develop a system that reduces the time assigned to determine whether the case is infected or not
The use of Deep learning in the processing of input pictures
Ensure the correctness, effectiveness, and accuracy of the model after running

Project Scope

Project scope works within a specific and accurate range based on the images that come out of the x-ray departments of the chest and lungs to determine whether the case is infected or not

MILESTONES AND STEPS

- ✓ Frame the problem
- ✓ Research and analysis of the database
- ✓ Collect the raw data needed to solve problem
- ✓ Qualitative classification of data and run the model
- ✓ Executing and running deep learning and Unsupervised Learning
- ✓ Communicate results of the analysis