

## ASSIGNMENT 6

As part of this assignment, we would look at a sample of Xrays of people who have been tested COVID positive and chest Xrays of healthy people. The goal of this assignment is to see if we can build a classifier that can predict the chance of a person having COVID19, given their Xray.

The dataset for this assignment has been taken from Kaggle for healthy patients and <https://github.com/ieee8023/covid-chestxray-dataset> for COVID patients. The positive cases are of patients diagnosed with COVID, and negative cases are people detected with other forms of infection and not covid and there are few samples of healthy patients as well

All images are provided in the **dataset** folder in the provided zip folder . In that folder, there are two directories, covid and normal where corresponding images are stored.

NOTE : Please find the attached PDF document M11\_KerasMNISTTutorial.pdf in the zip folder , which will assist you throughout the assignment process.