**Pneumonia Detection Using Chest X-Ray Images**

The following project deals with the automation of detection of Pneumonia in patients by using their Chest X-Ray Images.

You can download the entire dataset [here](https://www.kaggle.com/paultimothymooney/chest-xray-pneumonia) if you want to follow along.

I’ve explained the extraction and cleaning process of the data in deep in one of my blogs. You can check [this](https://github.com/Anjani100/Malaria-Detection) out in case you need help regarding that.

Moving on, in this section I’m going to focus more on the deep learning part and how actually the things work in CNNs. So, let’s get started.

For this particular task, I’ve chosen to apply Convolutional Neural Networks on our dataset. So, we first try to create a baseline model and see how well does it fits.