

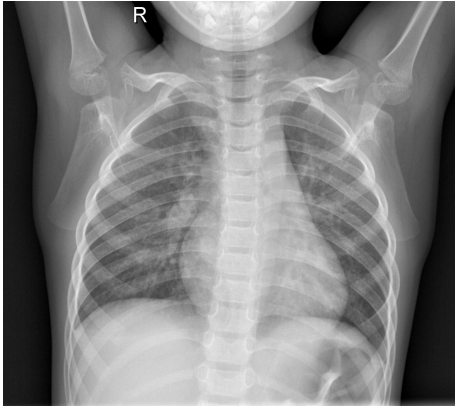
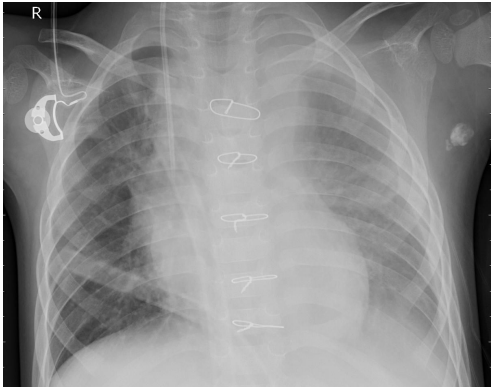


CLUSTER INNOVATION CENTRE (CIC) (UNIVERSITY OF DELHI)

3rd Floor, Rugby Sevens Building, University Stadium
G. C. Narang Road, University of Delhi, Delhi-110007



Project Summary

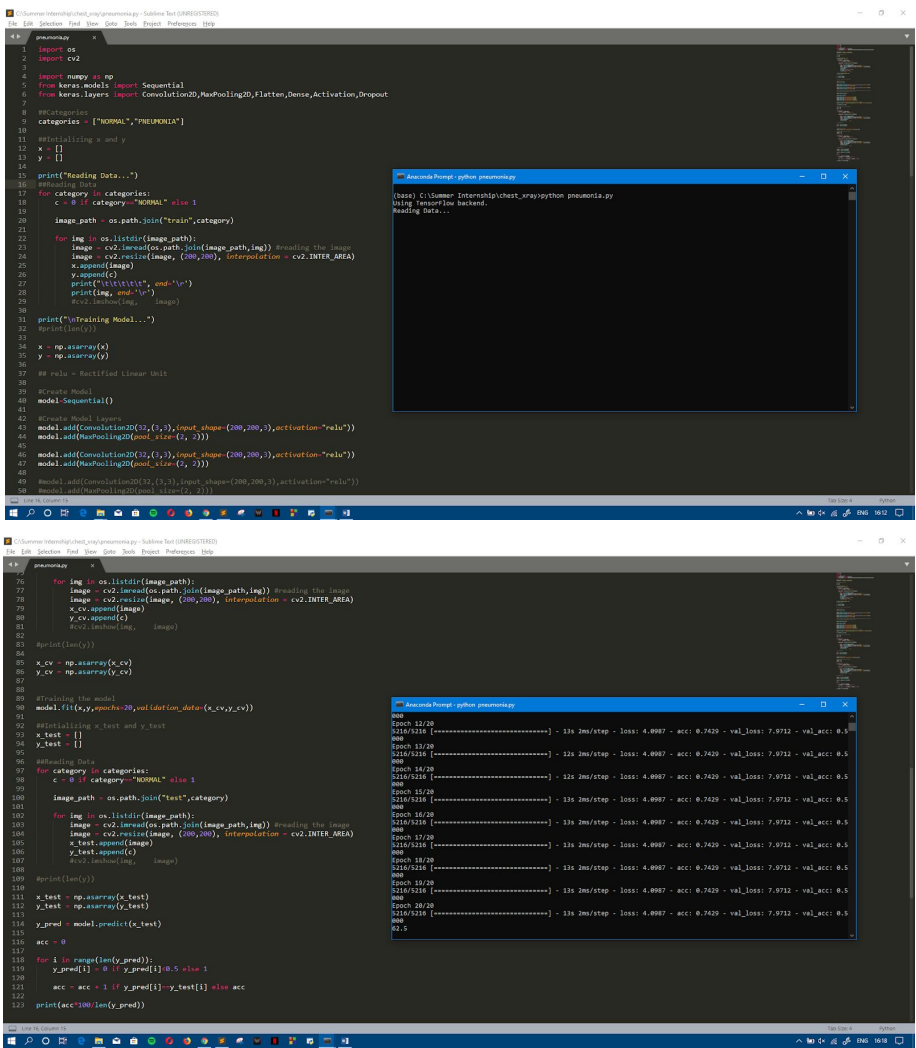
Project Id/No	11706, 11713
Project Name	Detection of Pneumonia using Machine Learning
Project Members	Ankit Dhairya Kathpalia
Abstract	A python script capable of classifying and detecting the presence of pneumonia from a collection of chest X-ray image samples. This has been achieved with the help of libraries like Opencv, Numpy, Keras(with TensorFlow as backend) etc. built for python. A dataset of chest X-rays from Kaggle is used to build the model. The model can be deployed to detect pneumonia in patients which could prove as a very helpful tool for doctors.
Project Photo	<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>(i) Without Pneumonia</p></div><div style="text-align: center;"><p>(ii) With Pneumonia</p></div></div> <p style="text-align: center;">Images from training set</p>



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	 <p style="text-align: center;">Code</p>
<p>Project Report</p>	<p style="text-align: right;">Signature</p>