Context

Corona - COVID19 virus affects the respiratory system of healthy individual & Chest X -Ray is one of the important imaging methods to identify the corona virus.

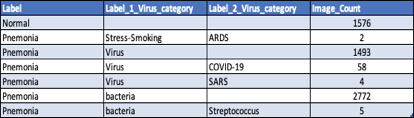
With the Chest X - Ray dataset, Develop a Machine Learning Model to classify the X Rays of Healthy vs Pneumonia (Corona) affected patients & this model powers the AI application to test the Corona Virus in Faster Phase.

Content

Collection Chest X Ray of Healthy vs Pneumonia (Corona) affected patients infected patients along with few other categories such as SARS (Severe Acute Respiratory Syndrome ) ,Streptococcus & ARDS (Acute Respiratory Distress Syndrome)

Images name and labels are available in Chest*Xray*Corona\_Metadata.csv

COVID 19 - <https://en.wikipedia.org/wiki/Coronavirus_disease_2019>  
ARDS - <https://en.wikipedia.org/wiki/Acute_respiratory_distress_syndrome>  
Streptococcus - <https://en.wikipedia.org/wiki/Streptococcus>  
SARS - <https://en.wikipedia.org/wiki/Severe_acute_respiratory_syndrome>



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Original Source :- <https://github.com/ieee8023/covid-chestxray-dataset>

Inspiration

Automated methods to detect and classify human diseases from medical images.Novel Machine Learning Algorithms and neural networks helps to reduce the Corona Virus detection time and aids the doctor to drive the consultation in better way