**Chest X-ray Dataset** (Source: [Kaggle](https://www.kaggle.com/prashant268/chest-xray-covid19-pneumonia))

* Total: **6432**
* Training: **5467** Normal: **1345**

Covid: **490** Pneumonia: **3632**

* Validation: **965**

Normal: **238**

Covid: **86** Pneumonia: **641**

The following four datasets are used here:

1. SARS-COV-2 Ct-Scan Dataset ([link](https://www.kaggle.com/plameneduardo/sarscov2-ctscan-dataset))

**Positive**: 1252

**Negative**:

1230

1. COVID-CT Dataset ([link](https://github.com/UCSD-AI4H/COVID-CT))
2. Combination of below two datasets:

Covid-chest xray-dataset ([link](https://github.com/ieee8023/covid-chestxray-dataset)) ------------------------------------------- same1

and chest xray images dataset ([link](https://www.kaggle.com/paultimothymooney/chest-xray-pneumonia))

CMSC-678-ML-Project Dataset ([link](https://github.com/vj2050/Transfer-Learning-COVID-19))

**Covid 19 Chest X-ray Dataset** (Source: [github,RSNA](https://github.com/ieee8023/covid-chestxray-dataset)) ------------------------------------------- same1

* X-ray: 205
* CT-scan: 202

**Chest X-ray Images**:

(Source: NIH)

The data for the Chest X-Ray pulmonary diseases are obtained from NIH with total of 81,176 observations with disease labels from 30,805 unique patients. The images are of size 1024x1024.

**Disease Image**

Atelectasis 11559 Cardiomegaly 2776 Consolidation 4667 Edema 2303

Effusion 13317 Emphysema 2516 Fibrosis 1686 Hernia 227 Infiltration 19894 Mass 5782 Nodule 6331 Pleural Thickening 3385 Pneumonia 1431 Pneumothorax 5302

**Covid 19 Chest X-ray Dataset** (Source: [github](https://github.com/ieee8023/covid-chestxray-dataset)) ------------------------------------------- same1

* Total: **225**
* Male: **131**
* Female: **64**

**Chest X-ray Images**:

(Source: [kermany et al](https://doi.org/10.1016/j.cell.2018.02.010))

* Total: **5875**
* Pneumonia: **4292**

Bacterial: **2790**

Viral: **1502**

* Normal: **1583**

**COVID-19 Image data Collection**

([Source](https://arxiv.org/abs/2006.11988): )

* Total: 115
* Covid-19: 115

**NIH Chest X-ray**

([Source:](https://arxiv.org/abs/1705.02315) )

* Total: 60683
* Pneumonia: 322
* NO finding: 60361

**COVID CT Dataset**

([Source:](https://arxiv.org/abs/2003.13865) )

* Total: 746
* Covid: 349
* Non covid: 397

**POCOVID-Net Dataset**

([Source:](https://arxiv.org/abs/2004.12084) )

* Total: 1103
* Covid-19: 654
* Pneumonia: 277

No Finding: 172

Three class chest X-ray datasets

[Dataset Link](https://www.sciencedirect.com/science/article/pii/S0010482520301621)

It contains three classes as COVID-19 (+), pneumonia (+) but COVID-19 (-), and other infections except COVID-19 and pneumonia.