**COVID-19(CXR Image classification)**

The primary task is to classify a given CXR image into “COVID-19”, “Other Pneumonia” and “Non-pneumonia” classes.

For this project I have used the dataset available in the following source links

**Source-1**: <https://twitter.com/ChestImaging/status/1243928581983670272>

**Source-2:** <https://www.sirm.org/category/senza-categoria/covid-19/>

**Source-5:** Joseph Paul Cohen and Paul Morrison and Lan Dao, “COVID-19 image data collection”, arXiv:2003.11597, 2020 <https://github.com/ieee8023/covid-chestxray-dataset>.

**Source-6:** Linda Wang, Alexander Wong, Zhong Qiu Lin, James Lee, Paul McInnis, Audrey Chung, Matt Ross, Blake VanBerlo, Ashkan Ebadi, “FIgure 1 COVID-19 Chest X-ray Dataset Initiative”, <https://github.com/agchung/Figure1-COVID-chestxray-dataset>

**Source-7:** ] Kong, Weifang, and Prachi P. Agarwal. "Chest imaging appearance of COVID-19 infection." *Radiology: Cardiothoracic Imaging* 2, no. 1 (2020): e200028. <https://pubs.rsna.org/doi/full/10.1148/ryct.2020200028> *othoracic Imaging* 2, no. 1 (2020): e200028. <https://pubs.rsna.org/doi/full/10.1148/ryct.2020200028>