**Table 8.** Description of COVID-19 datasets and resources

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| **Type** | **Dataset Name** | **Downloadable Link** | **Description** |
| Text | WHO Global Research Database | https://www.who.int/gho/database/en/ | Repository of COVID-19 articles, reports |
| COVID-19 Open Search Dataset | https://www.semanticscholar.org/cord19 | 2,80,000 articles |
| LitCOVID | go.nature.com/3almd5p | 1,19,472 articles |
| AI COVID-19 | https://covid-19.dimensions.ai | Repository of 13,959 datasets |
| Social Media | COVID-19 Twitter  | https://github.com/thepanacealab/covid19\_twitter | 1 billion Tweets |
| COVID-19 TweetIDs | https://github.com/echen102/COVID-19-TweetIDs | 1,359,591,254 Tweets |
| COVID-19 Tweets | https://www.kaggle.com/smid80/coronavirus-covid19-tweets | 500,000 Tweets |
| COVID-19 Real World Worry | https://github.com/ben-aaron188/covid19worry | 5,000 texts, emotions measuring |
| COVID-19 Coronavirus News Article | https://www.covid19-archive.com/ | - |
| COVID-19 Television Coverage | https://blog.gdeltproject.org/a-new-dataset-for-exploring-the-coronavirus-narrative-on-television-news/ | 119,083 mentions, each mention has 15 second clip |
| Biomedical | Chest X-Ray Dataset | https://www.kaggle.com/bachrr/covid-chest-xray | 127 COVID-19, 127 pneumonia, and 127 healthy images |
| COVID-19 Survival Calculator | https://www.covid19survivalcalculator.com/calculator | 17 million adult patients  |
| United Against Covid | http://united-against-covid.org/ | - |
| COVID-19 Data Clearinghouse | https://asone.ai/polymath/index.php?title=COVID-19\_dataset\_clearinghouse | Repository of public COVID-19 datasets |
| Global Health Drug Discovery Institute | https://ghddi-ailab.github.io/Targeting2019-nCoV/ | 12,000 drugs, 3D structure data |
| COVID-19 antiviral Compounds | https://www.cas.org/covid-19-antiviral-compounds-dataset | 50,000 chemical substances, SD file format |
| Italian Society of Medical and Interventional Radiology data set | https://www.kaggle.com/paultimothymooney/chest-xray-pneumonia | 190 COVID-19, 1345 viral pneumonia, 1341 normal images |
| Point-of-care Ultrasound dataset | https://github.com/jannisborn/covid19\_ultrasound | 654 COVID-19, 277 bacterial pneumonia, and 172 healthy images |
| Speech | COVID-19 sound | https://www.covid-19-sounds.org/en/ | 7000 sample size |
| Coswara-Dat | https://github.com/iiscleap/Coswara-Dat | 1000 sample size |
| Virufy-covid | https://github.com/virufy/virufy-covid | 16 sample size |
| Case Study | CHIME | https://chimechallenge.github.io/chime6/ | - |
| Github | https://datahub.io/core/covid-19 | 118,000 samples, time series data |
| Kaggle | https://www.kaggle.com/datasets | - |
| Johns Hopkins CSSE | https://github.com/CSSEGISandData/COVID-19 | - |
| Humanitarian Data Exchange | https://data.humdata.org/event/covid-19 | - |
| H2O.ai | https://www.h2o.ai/covid-19/ | - |
| Online Server | http://biomed.nscc-gz.cn/server/Ncov2019 | - |
| COVID Scholar | https://covidscholar.org | - |