***GitHub***

<https://github.com/topics/covid-19>

Repositories that contain code focused around research and awareness of the virus.

<https://github.com/CSSEGISandData/COVID-19>

Data repository for the 2019 Novel Coronavirus Visual Dashboard operated by the Johns Hopkins University Center for Systems Science and Engineering.

<https://github.com/JohnCoene/coronavirus>

App that tracks the spread of the coronavirus, based on three data sources.

<https://github.com/tokyo-metropolitan-gov/covid19>

Tokyo COVID-19 Updates - <https://stopcovid19.metro.tokyo.lg.jp/en>

<https://github.com/ExpDev07/coronavirus-tracker-api>

API for tracking the global coronavirus, written in python.

<https://github.com/javieraviles/covidAPI>

API for coronavirus by country

***Data***

<https://www.covid19data.com.au/>

Data based on media reports and verified with updates from state and federal health departments. Example Website

<https://ourworldindata.org/coronavirus>

Statistics and Research, including several graphs.

***Predictions***

<https://covid19-scenarios.org/>

Mathematical model to simulate a variety of COVID-19 outcomes based on user-defined parameters.

***Research Papers***

<https://www.sciencedirect.com/science/article/abs/pii/S0303264709000768>

Optimal control strategies of an SIR (susceptible–infected–recovered) epidemic model with time delay.

<https://pdfs.semanticscholar.org/579d/40fec495648f55c92b284ef4cec366ed0914.pdf>

Modelling the SARS Epidemic.

<https://royalsocietypublishing.org/doi/pdf/10.1098/rsif.2013.1106>

Birth – death SIR model research Paper

<https://pdfs.semanticscholar.org/4a98/035ffea334153df344369d147526ba4cb622.pdf>

A SIR Model for Spread of Dengue Fever Disease

<https://www.researchgate.net/publication/260071063_Plausible_models_for_propagation_of_the_SARS_virus>

Plausible models for propagation of the SARS virus

***News Articles***

<https://www.smh.com.au/world/asia/global-coronavirus-cases-top-1-million-johns-hopkins-tally-20200403-p54gnj.html?fbclid=IwAR3OqRwZVr7wIs-PpzImFFZ3UQccjkAjnSEs11E9pZ1UtvLHLzRVOEq1o3M>

Stats and Figures up to date as of April 3, 2020.

***Infographics***

<https://www.worldometers.info/coronavirus/>

Stats, graphs, figure.

<https://www.visualcapitalist.com/history-of-pandemics-deadliest/>

A Timeline of Historical Pandemics, images, tables, infographics.

<https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>

Coronavirus COVID-19 Global Cases by the (CSSE). (Coronvirus Map).

<https://www.nytimes.com/interactive/2020/03/22/world/coronavirus-spread.html>

How the coronavirus spread interactive website.

<https://who.sprinklr.com/>

World Health Organisation, Map, graphs, stats, confirmed, deaths, by country.

<https://www.csbs.org/information-covid-19-coronavirus>

COVID-19 Map

***Videos***

Minute Physics Covid

<https://www.youtube.com/watch?v=54XLXg4fYsc&fbclid=IwAR3z1C11CwLwQd3gTadQrRTRtUxSglHH4DgSoew8c_2_r7b4DUaLC9O8H84>

Simulating epidemics

<https://www.youtube.com/watch?v=gxAaO2rsdIs&fbclid=IwAR0TCQHE55t2IsWvufZ4QcV-v6CuHwCNC2xrjF7P9GReASZQUwpCV7_fuo8>

Estimating Deaths

<https://www.youtube.com/watch?v=mCa0JXEwDEk&fbclid=IwAR0MRnhQsKcLx95xeonpV1m9f1rDTtoew2lSVxtGJ4DStogpeDS74g8GdQo>

The Curve

<https://www.youtube.com/watch?v=k6nLfCbAzgo&fbclid=IwAR02BnvTcXkYMyMesGGbekN3706KUVAV0-V_JD8F86WjA9oZOWIn3cW6hTs>

SIR disease model

<https://www.youtube.com/watch?v=NKMHhm2Zbkw&fbclid=IwAR0biOtlgz7ne9wYPCOqeV8-QiI2nSVO3xBjt8BmlkFvr-41QLCnC84odDA>

The Coronavirus Explained

<https://www.youtube.com/watch?v=BtN-goy9VOY>