

# COVID-19 Data Science Resources

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is working with partners to pull together data and data science resources related to the COVID-19 pandemic. We welcome additions, suggestions, and collaborations. Please send additions, corrections, comments, and [feedback form](#).

research and data resources, avoiding opinion pieces and teaching resources.

are provided as-is. Use your professional judgement and best practices to vet these resources before you use them in your communications.

[Feedback Form](#)



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## D-19 Datasets

nd curated data sources for COVID-19 tracking

ed by Alexis Madrigal from The Atlantic - tracks US state-by-state COVID-19 progression

us - [COVID-19 Global Cases, by country](#).

roject to collect Wikidata resources related to COVID-19 and SARS-CoV-2. Resources may also relate to 2019-20 COVID-19 pandemic

Coronavirus Visual Dashboard operated by the Johns Hopkins University Center for Systems Science and [hub.com/CSSEGISandData/COVID-19](https://hub.com/CSSEGISandData/COVID-19)

[www.nytimes.com/nytimes/covid-19-data](https://www.nytimes.com/nytimes/covid-19-data)

[Understand social distancing – Data@Mozilla](#)


[Google Public Datasets Program](#) - Covid-19 datasets available (free) in BigQuery as part of the Google Public

ation of datasets from governmental, NGO, and commercial sources - requires registration

aset from the [Yu Group](#) at UC Berkeley Statistics

ory links to a collection of analyses on and representations of COVID19 data in R

ct that tries to address the question of whether our wearables can warn us when we're getting sick

[BoaC](#)  [COVID-19 data](#) - a data infrastructure to make it easier to analyze COVID-19 data, e.g. thousands of  
able by the Allen Institute for AI (AI2). BoaC provides a web-based interface to perform fine-grained analysis

structured form and each paragraph and sentence of these papers can be analyzed. They are looking for

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e modeled estimates of COVID-19 progression over the coming months. Put together by a team of data health experts.

i visualizations (see below) - Generic curve fitting package with nonlinear mixed effects model

[hns Hopkins and NY Times datasets](#) (from David Culler at UC Berkeley)

- a suite of data visualization tools and calculators to help healthcare providers and policy makers understand

## Collections

[dataset](#) (article corpus) and a [searchable front-end for this corpus](#)

[D-19](#) - librarian curated collection of access changes academic publishers have put in place to facilitate access

### [D-19 Publications and Presentations](#)

- rapid peer review for preprints from a number of preprint sources

[co](#) - a repository of papers related to COVID-19 scanning 1300+ PubMed articles

through June 30

[& Neglected Diseases \(CEND\) Hackathon](#) - March 25-26, 2020

 (due March 30th)

2020

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[- COVID-19 Seminars](#) - a collection of presentations and seminars on COVID-19 from BIDS

[ual Symposia](#) - video recordings of weekly symposia for COVID-19 research at Columbia University

[.Readable COVID-19 data](#) - combines the Allen Institute corpus (see below) with a call for tools to parse data

i - Build a solution for the COVID-19 crisis

.research for many of these links)

[ues Letter 3/12/20](#) [pdf]

[-19 Broad Agency Announcement](#)

[COVID-19 funding call](#)

r (Gates, Wellcome, Mastercard)

[:hnnology Enterprise Consortium \(MTEC\)-Presolicitation-COVID-19](#)

[Diag<sup>i</sup>nostic Excellence Initiative](#) (not COVID-specific)

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onavirus Response

tive (DDI).

demics

uting Consortium - industry, government, and academic consortium to provide funding and resources for

Proposals Addressing COVID-19 - <https://www.nsf.gov/pubs/2020/nsf20065/nsf20065.jsp>

ie Request for Proposals

Call to address COVID-19

ions Fund

tions


ponential spread of COVID-19

D-19 Dashboards

ed covid-19 global data from community experts

luation COVID-19 forecasting tool

om the University of Washington Humanistic GIS Laboratory

utir,  onsortium - industry, government, and academic consortium to provide funding and resources for

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### Project Tracker

- mapped and tabular data from [clinicaltrials.gov](https://clinicaltrials.gov)

abase - Causaly, an AI/ML literature-based knowledge discovery tool, is offering free access to its content options for COVID-19.

COVID-19 - community of open source software experts who can assist with software issues for COVID-19

for COVID-19 data science assistance and team creation

ment entities with data scientists and teams

yal Society - Rapid Assistance In Modelling The Pandemic: Ramp

h “big science” researchers with COVID-19 researchers

es a library for technologists, civic organisations, public and private institutions, researchers, educators and on an agile and sophisticated response to the Coronavirus and sequential impacts.

d Online Behavioral Studies (University of Arkansas, Little Rock) - COVID-19 Misinformation Database - a information about COVID-19 and discovering known misinformation

New York COVID-19 Response - state level effort to match-make technologists with COVID-19 response



Resources

[Data Guide](#) (including data sets)

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[Institute](#)

te that includes challenges and other opportunities in the COVID-19 space

tools and services for responding to COVID-19. Includes a match-making functionality for people looking for research

[on the spread of COVID-19](#)

via University, New York University, UC San Francisco, University of Washington, and UC Berkeley for their

