

Resources and Crowdsourcing Opportunities to address the COVID-19 Pandemic

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Prize Competitions

MIT COVID19 CHALLENGE

ABOUT

Beat the Pandemic

April 3 - 5

[Apply to participate](#)

Protecting Vulnerable Populations

How to protect vulnerable populations from the effects of COVID-19?

- Expanding and improving access to COVID-19 education and resources
- Who to test and when?
- At-Home Patient Triage
- COVID-19 Treatment and Management
- Impact of Social Distancing and Quarantines

Helping Health Systems

How to support hospitals with shortage of staff, supplies, and resources?

- Identifying the COVID-19 Immune
- New ways to deliver care in a COVID-19 World
- Hospital Assets Coordination, and Distribution
- Space conversion and utility
- Health care workforce well-being, management, training



MIT COVID-19 Challenge: <https://covid19challenge.mit.edu/>

Prize Competitions

The screenshot shows the Kaggle website interface. At the top left is the Kaggle logo and a search bar. A navigation menu on the left includes Home, Compete, Data, Notebooks, Discuss, Courses, and More. The main content area features a dark blue banner for the 'COVID-19 Open Research Dataset Challenge (CORD-19)', an AI challenge with AI2, CZI, MSR, Georgetown, NIH & The White House. It is by Allen Institute For AI and 8 collaborators, updated 6 days ago (Version 5). The banner shows 4714 participants and a gold medal icon. Below the banner are tabs for Data, Tasks (10), Kernels (564), Discussion (218), Activity, and Metadata, along with a 'Download (4 GB)' link and a 'New Notebook' button. A section below shows 'Usability 8.8', 'License Other (specified in description)', and 'Tags business, natural and physical sciences, computer science, health, biology and 3 more'. The 'Description' section is partially visible, starting with 'Dataset Description'.

CORD-19 Challenge: <https://www.kaggle.com/allen-institute-for-ai/CORD-19-research-challenge>

Other Opportunities

- <https://covid19-hpc-consortium.org/> - Computing resources from COVID-19 High Performance Computing Consortium
- <https://www.covid19innovations.org/> - Platform to showcase innovations and identify funding opportunities from Global Innovation Exchange
- <https://www.medicalcountermeasures.gov/> - Broad Agency Announcement funding opportunities from US Gov Health and Human Services
- <https://solve.mit.edu/challenges/health-security-pandemics> - MIT Health Security and Pandemics Challenge
- <https://www.challenge.gov/> - Listing of US Gov challenges