

# May Edition: Changing the World With Data

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May 4 · 3 min read



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Whoever you are, wherever you are in the world, your life probably looks a little different than you thought it would this month.

Some of the people in our community have lost their jobs. Some of you have taken cuts in hours and pay. Many of you have started working remotely in some pretty challenging settings. We are experiencing financial and emotional hardships and enormous loss. The ways we work, shop, socialize, parent and live have changed almost overnight. Our thoughts and our hopes are with all of you.

But what hasn't changed is our community.

Our desire to come together to make the world a better place hasn't changed. From the first moments of this pandemic, data professionals around the globe began collaborating to find solutions for this unpredictable situation. When things looked darkest, people started accumulating, sharing, and analyzing what little information we had. This community worked tirelessly to collect more data and prepare it for analysis,

understanding, and prediction. We employed new methods and created new ways to work together.

We have never seen so many data scientists, analysts, engineers, and programmers join together so selflessly to share knowledge, assemble resources, and work towards uncovering the solutions that we as a global community need. We are asking questions, we are developing answers, and we are working tirelessly to preserve our privacy and maintain our ethics at the same time.

In this era of social distancing, we are truly better together.

We here at Towards Data Science have never been prouder to stand with you.

Thank you.

*Stay healthy!*

Anne Bonner, Editor at Towards Data Science.

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*“It is the long history of humankind (and animal kind, too) that those who learned to collaborate and improvise most effectively have prevailed.”*

*~ Charles Darwin*

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## **Collaboration in a time of crisis**

By Karen Hodgson — 6 min read

Simple approaches to sharing your analytical work during COVID-19.

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## **How data intertwines with COVID-19!**

By Karan Bhanot — 6 min read

Data, dashboards and the next step

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## **What do various countries' healthcare capacities look like?**

By JP Hwang — 8 min read

Healthcare data and metrics visualised and compared by country in light of the coronavirus (COVID-19).

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## **Smarter COVID-19 Decision-Making**

By Cassie Kozyrkov — 10 min read

How to apply sound principles from decision science to your own life

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## **Coronavirus: the data behind the disease**

By Jeremie Harris — 3 min read

Jeremy Howard on the TDS podcast

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## **How To Track Coronavirus In Your Country with Python**

By Lazar Gugleta — 6 min read

With massive outbreaks and news spreading faster than the Coronavirus (COVID-19) itself, we have to be aware of the actual stats that are affecting the areas that we live in.

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## **A Data Science View of Herd Immunity, What do We Have to Pay to Stop The Virus?**

By Catherine Wang — 11 min read

Looking at the Covid-19 pandemic through the lens of a Data Scientist, no nonsense, no blaming, no politicalization.

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## **A short guide to avoiding common pitfalls in interpreting COVID-19 stats**

By Imad Riachi — 8 min read

8 key points you might want to think about before sharing that next stat with your friends

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## New videos

- Amit Jain & Ronaldo Felipe — Rearchitecting Legacy Machine Learning Systems
- David Duvenaud — Latent Stochastic Differential Equations
- Nicole Bills — Walkthrough: Mapping GIS Data in Python
- Thomas Hikaru Clark — New to Data Visualization? Start with New York City
- Jaya Kawale — Sequential Decision Making in Recommendations

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## New podcasts

- Emily Robinson — Building a Career in Data Science
- Cameron Davidson-Pillon — Data science at Shopify
- Interviewing the Medium data science team
- Russell Pollari — Building habits and breaking into data science

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We also thank all the great new writers who joined us recently Kilian Fatras, Siddharth Sharma, Steve Kosten, Mikian Musser, Tyler Peterson, Myriam Barnés, Bhaskar Agarwal, Angelica Lo Duca, Florent Poux, Ph.D., Bogdan Kostić, Slavvy Coelho, Sergey Nikolaev, Saad Ahmad, Alvin Wan, Dorota Mierzwa, Christoph Schmidl, Guilherme Costa, Alexander Sidorov, and many others. We invite you to take a look at their profiles and check out their work.

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