

Openness/Sharing/Collaboration

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- [How We Helped Our Reporters Learn to Love Spreadsheets](#) [2]

But, some people did learn. At The New York Times and elsewhere, coder-journalists have mashed databases to discover wrongdoing, designed immersive experiences that transport readers to new places and created tools that change the way we work.

Even with some of the best data and graphics journalists in the business, we identified a challenge: data knowledge wasn't spread widely among desks in our newsroom and wasn't filtering into news desks' daily reporting.

Yet fluency with numbers and data has become more important than ever. While journalists once were fond of joking that they got into the field because of an aversion to math, numbers now comprise the foundation for beats as wide ranging as education, the stock market, the Census and criminal justice. More data is released than ever before???there are nearly 250,000 datasets on data.gov alone???and increasingly, government, politicians and companies try to twist those numbers to back their own agendas.

- [The New York Times has a course to teach its reporters data skills, and now they've open-sourced it](#)[3]

The New York Times wants more of its journalists to have those basic data skills, and now it's releasing the curriculum they've built in-house out into the world, where it can be of use to reporters, newsrooms, and lots of other people too.

- [Open Source Headset With Inside-Out Tracking, Video Passthrough](#) [4]

The folks behind the Atmos Extended Reality (XR) headset want to provide improved accessibility with an open ecosystem, and they aim to do it with a WebVR-capable headset design that is self-contained, 3D-printable, and open-sourced. Their immediate goal is to release a development kit, then refine the design for a wider release.

- [Open-Source Bionic Leg Aims to Rapidly Advance Prosthetics](#) [5]

Scientists at University of Michigan have created an open-source leg in hopes of expediting the development of smart prosthetics.

- [Open-Source AI Bionic Leg Offers a Unified Platform for Prosthetics](#) [6]

Open-source design and programming could accelerate scientific advances by offering a unified platform to prosthetics research efforts.

- [Bringing Pneumatics To The Masses With Open Source Soft Robotics](#) [7]

Physicist and engineer [tinkrmind] wants to change that. He has been developing an open source soft robotics tool called Programmable Air for the past year with the aim of creating an accessible way for the hacker community to work with pneumatic robotics. We first came across [tinkrmind]'s soft robotics modules at World Maker Faire in New York City in 2018 but fifty beta testers and a wide range of interesting projects later ? from a beating silicone heart to an inflatable bra ? they are now being made available on Crowd Supply.

- [Samasource announces company growth ahead of exhibition of fashion R&D open source dataset at CVPR 2019](#) [8]

[OSS](#)

Source URL: <http://www.tuxmachines.org/node/124931>

Links:

[1] <http://www.tuxmachines.org/taxonomy/term/72>

[2] <https://open.nytimes.com/how-we-helped-our-reporters-learn-to-love-spreadsheets-adc43a93b919?gi=f36176c22efd>

[3] <https://www.niemanlab.org/2019/06/the-new-york-times-has-a-course-to-teach-its-reporters-data-skills-and-now-theyve-open-sourced-it/>

[4] <https://hackaday.com/2019/06/15/open-source-headset-with-inside-out-tracking-video-passthrough/>

[5] <https://www.healthcarepackaging.com/article/open-source-bionic-leg-aims-rapidly-advance-prosthetics>

- [6] <https://www.machinedesign.com/motion-control/open-source-ai-bionic-leg-offers-unified-platform-prosthetics>
- [7] <https://hackaday.com/2019/06/14/pneumatics-for-the-masses/>
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