Accessibility In Data Visualization





Chapter 1: Accessibility and Disability, Concepts and Models

Chapter 1, Episode 1: Why does accessibility matter? And who is responsible for it?

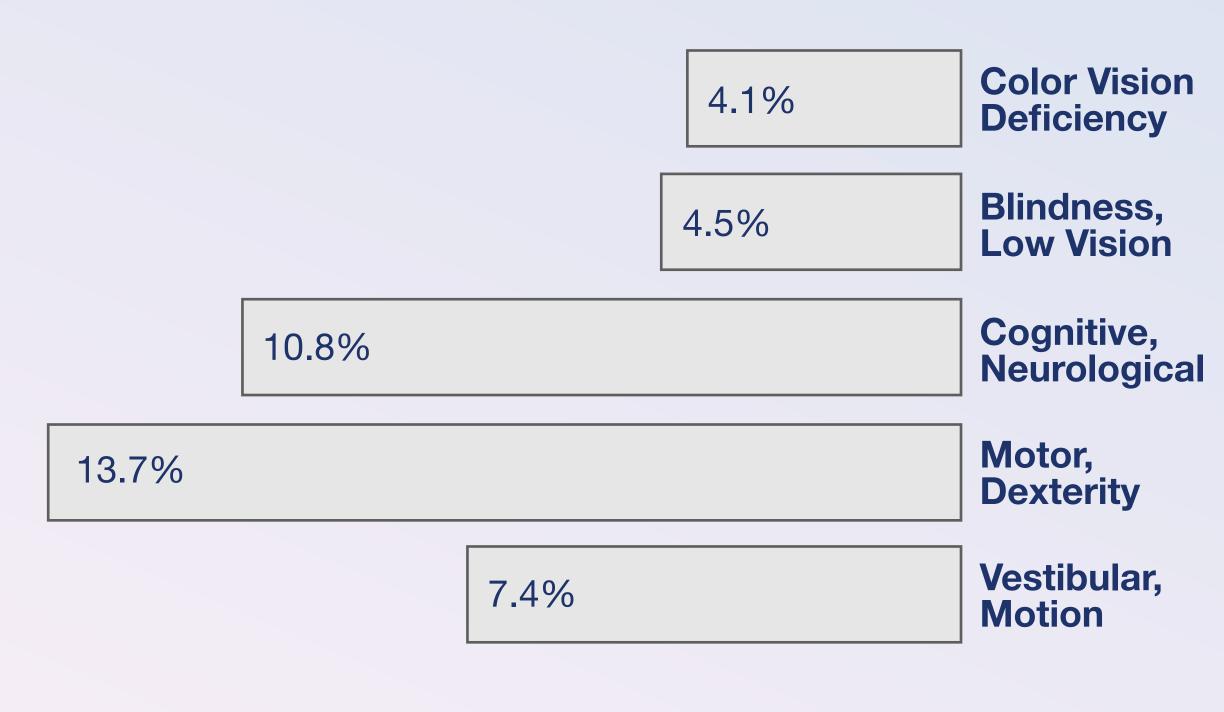
Access is a human right

Accessibility for people with disabilities is an internationally recognized human right.

It is the morally and ethically correct thing to do.

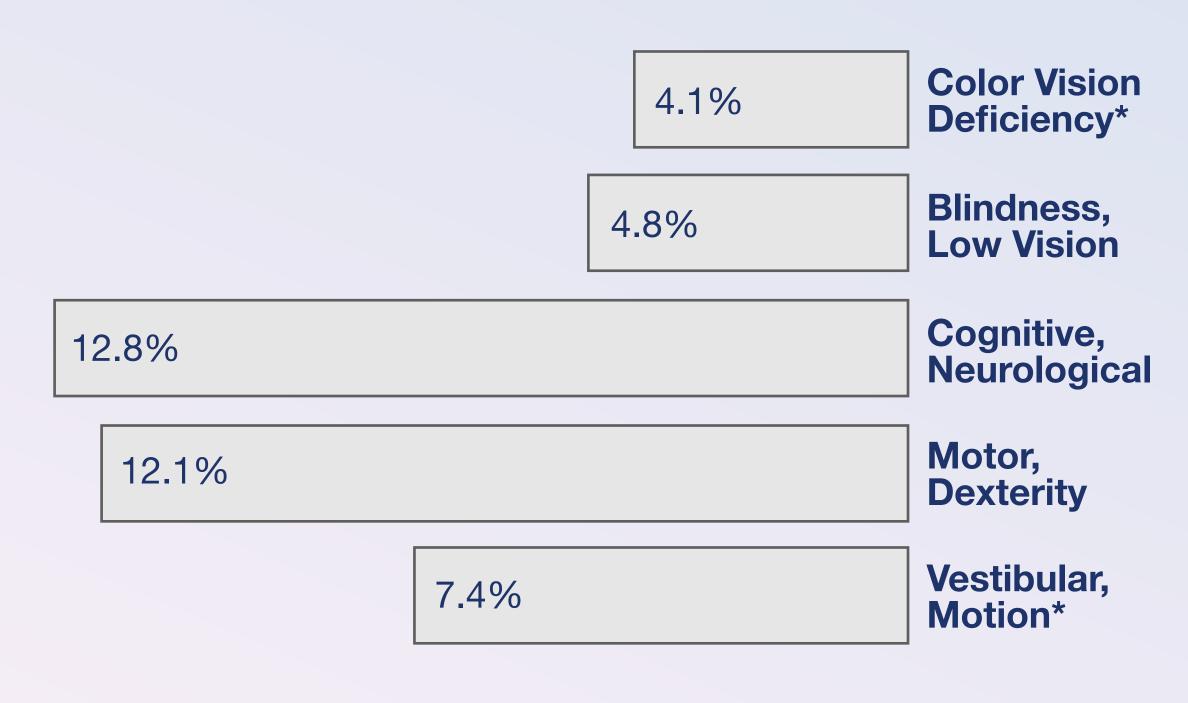


UN CRPD Article 9: Accessibility, UN CRPD Article 10: Right to Life



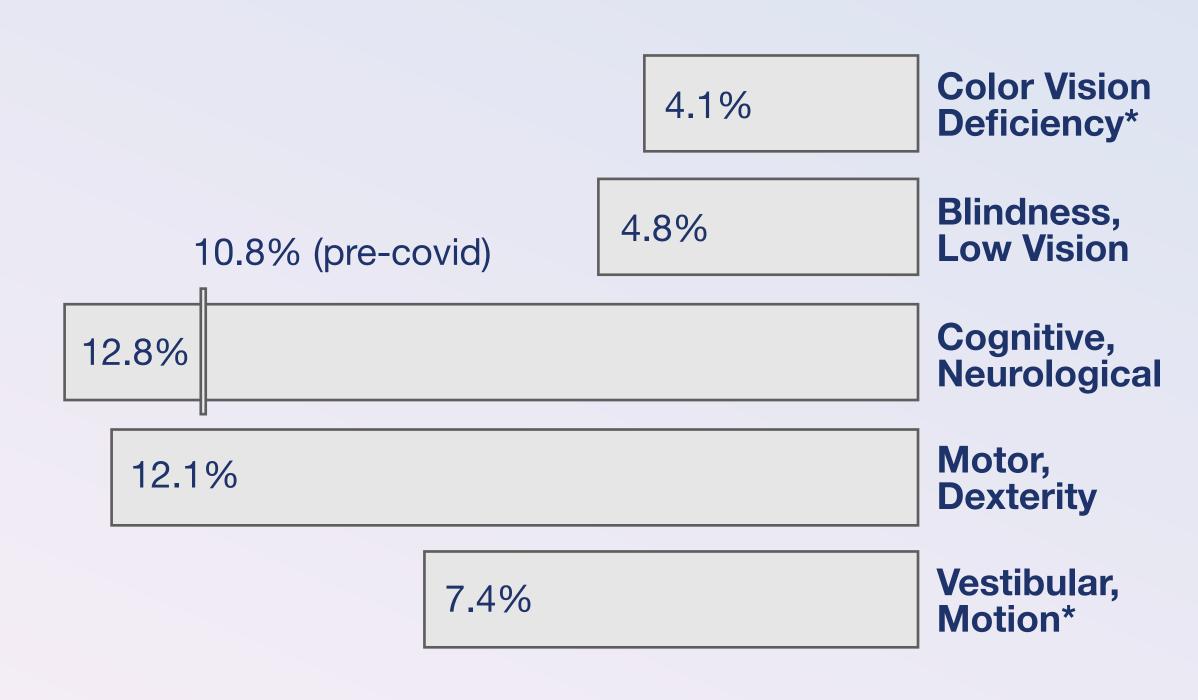
Source: Okoro et al. "Prevalence of Disabilities and Health Care Access by Disability Status and Type Among Adults"

~26% of people living in the United States self-report living with a disability that affects their daily life (2017)



Centers for Disease Control and Prevention. Disability and Health Data System (DHDS). 2023. Available from: http://dhds.cdc.gov
*No new data

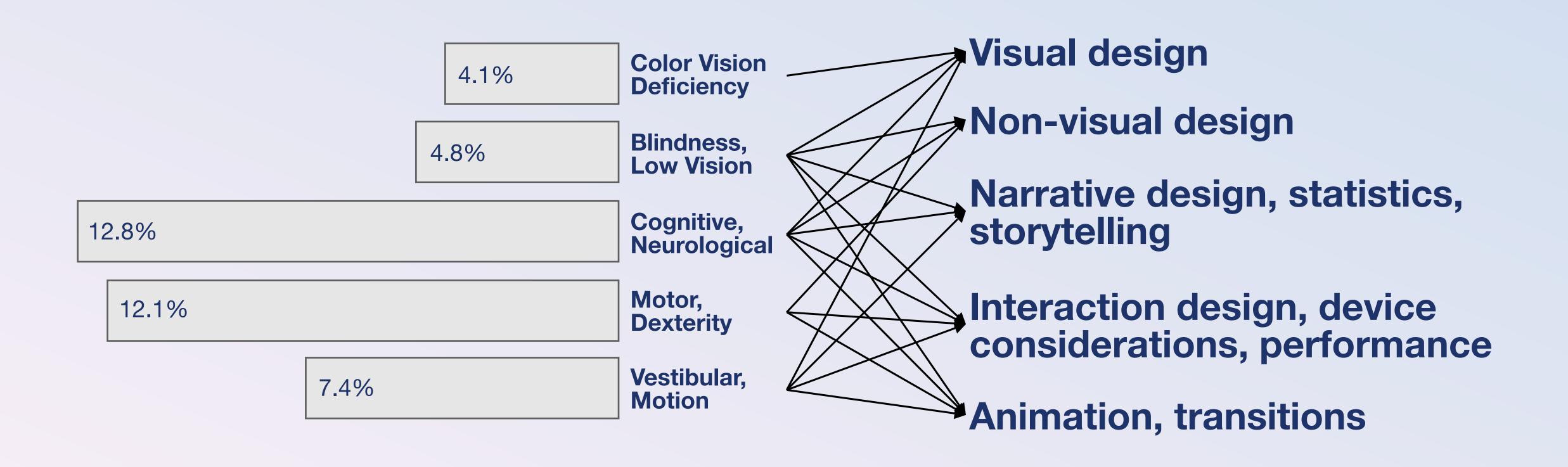
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Cognitive disability is on the rise

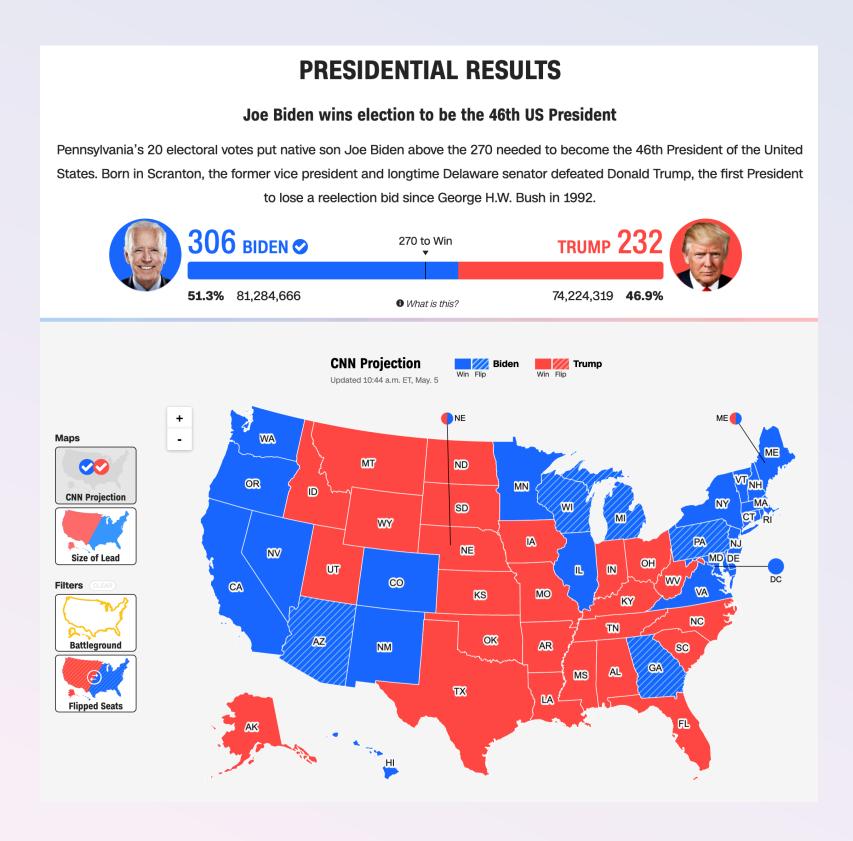
Centers for Disease Control and Prevention. Disability and Health Data System (DHDS). 2023. Available from: http://dhds.cdc.gov
*No new data

Accessibility affects every aspect of visualization work



People with disabilities deserve to:

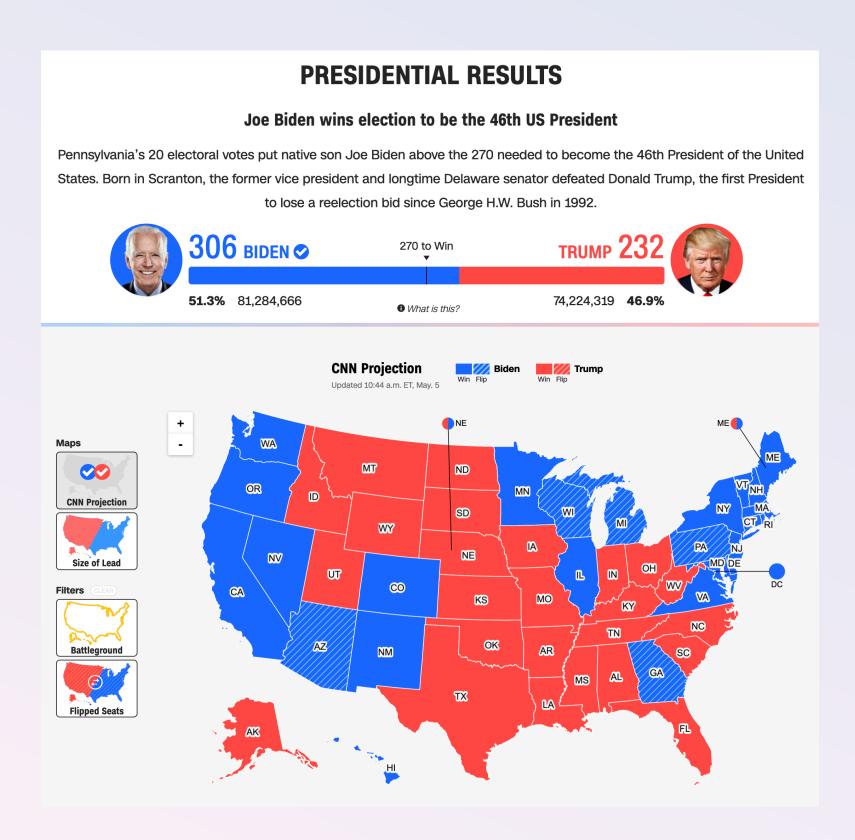
Participate in politics



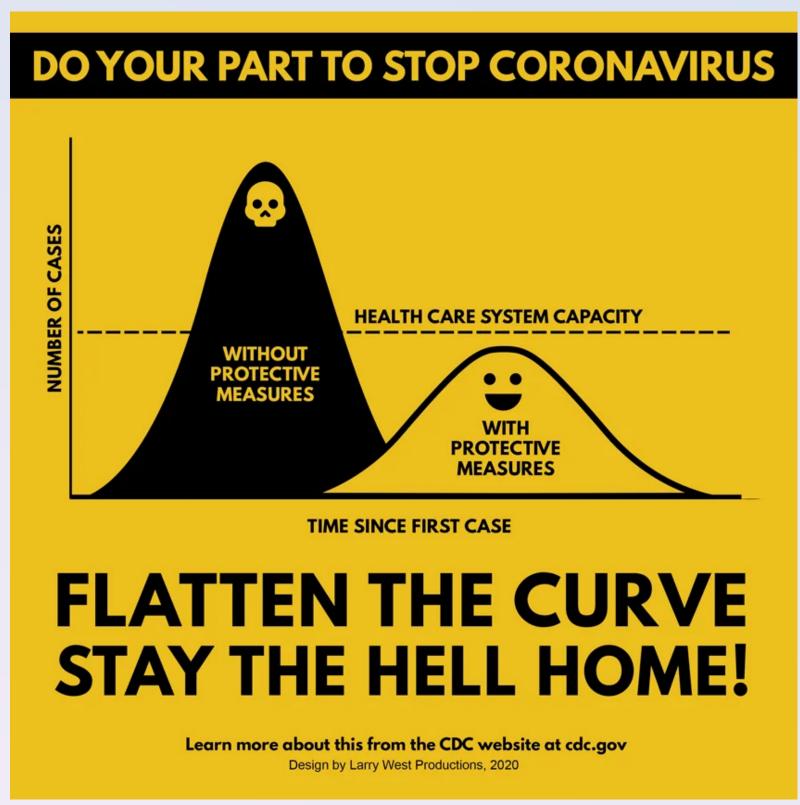
Credit: CNN

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Participate in politics



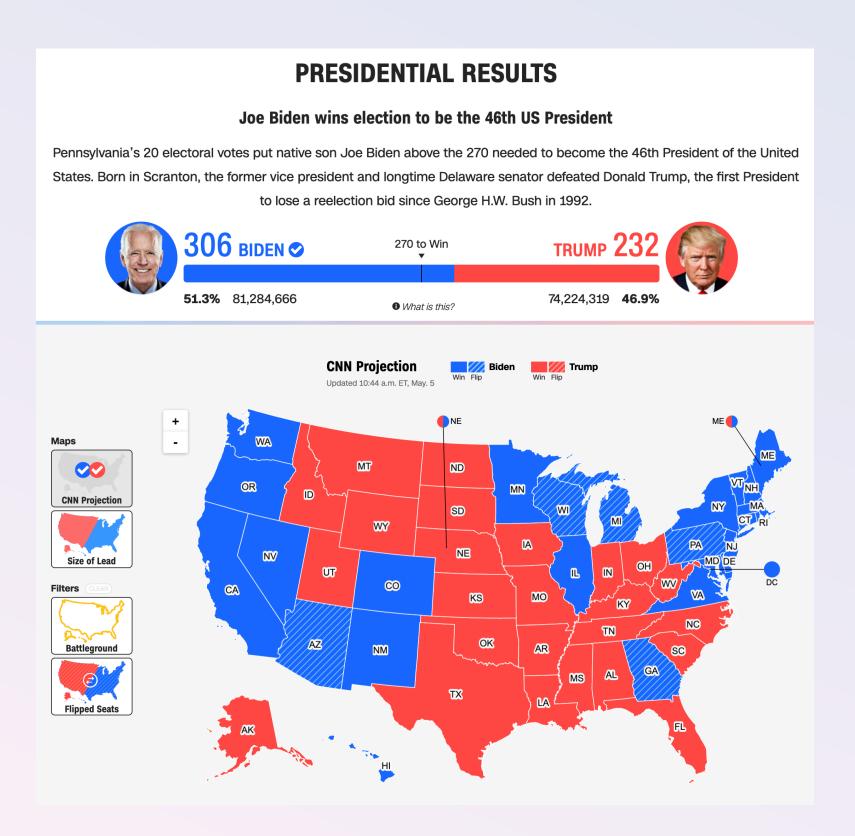
Make informed decisions



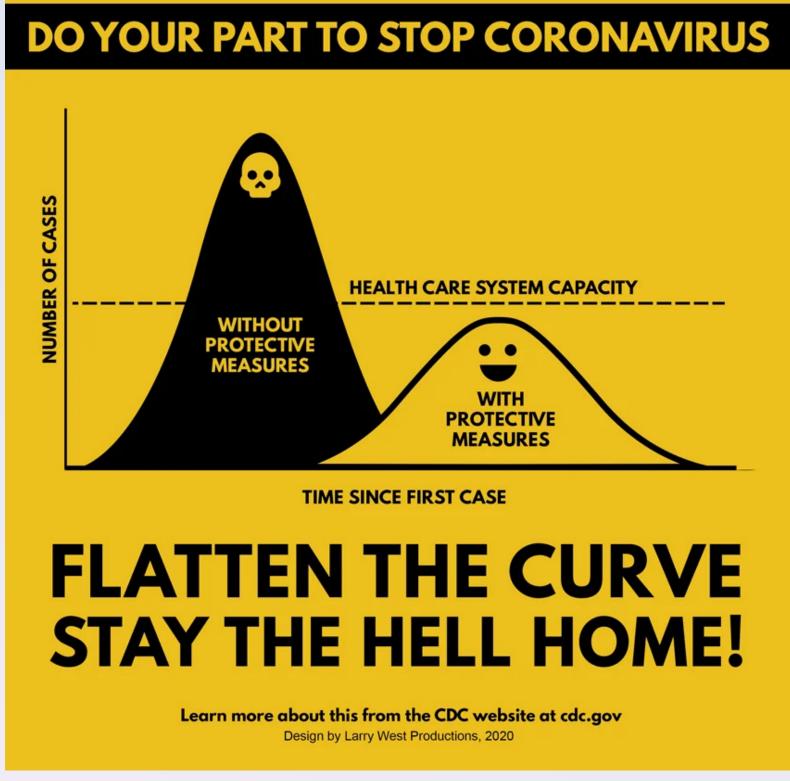
Credit: CNN Credit: Reddit

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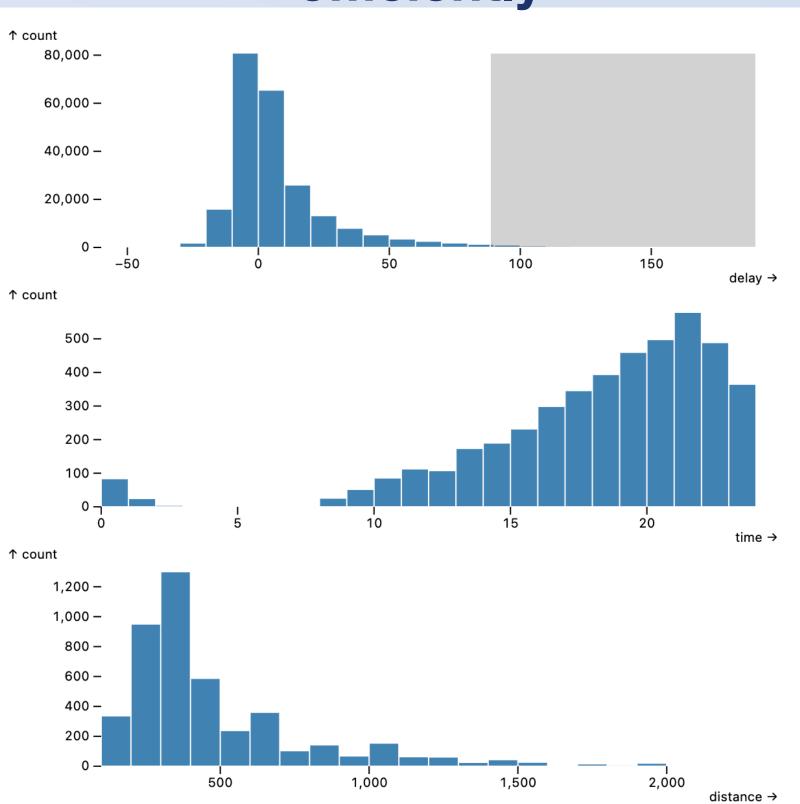


Make informed decisions

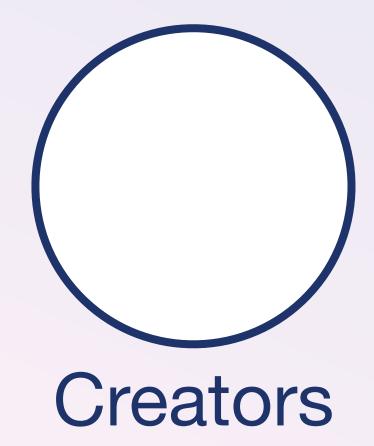


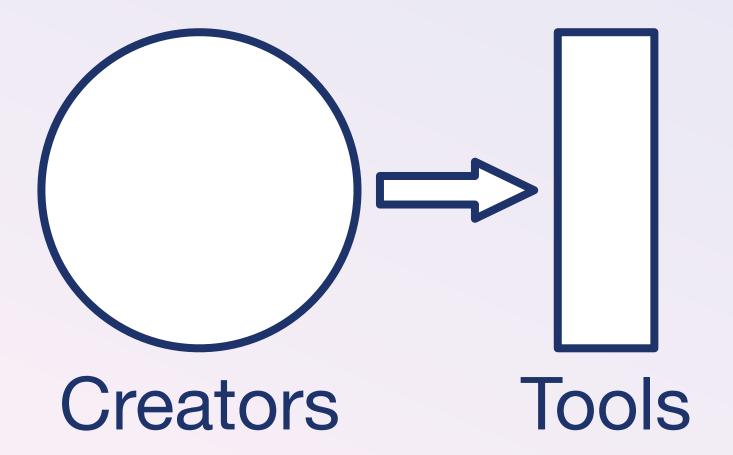
Credit: CNN Credit: Reddit

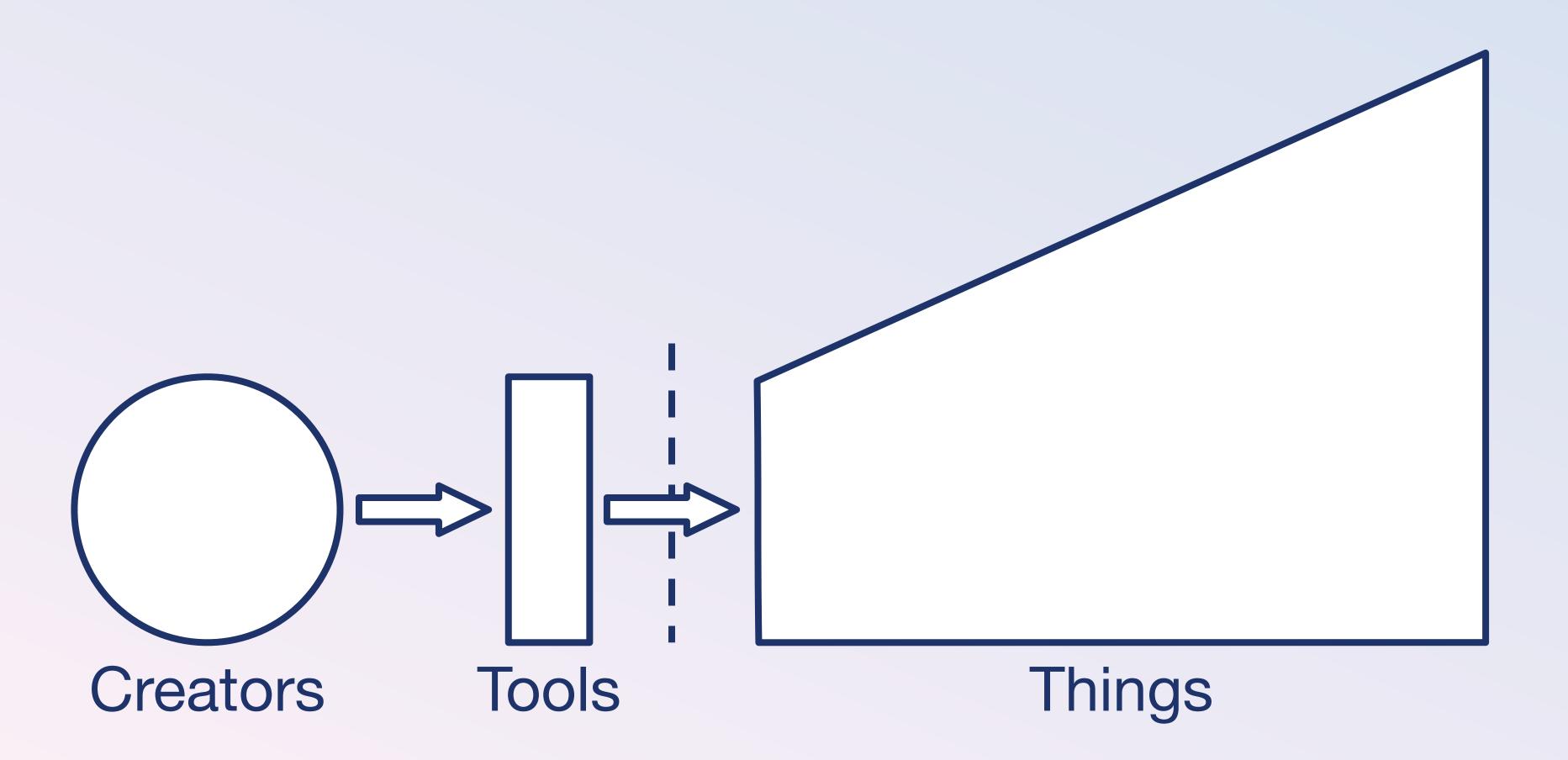
Analyze data quickly and efficiently

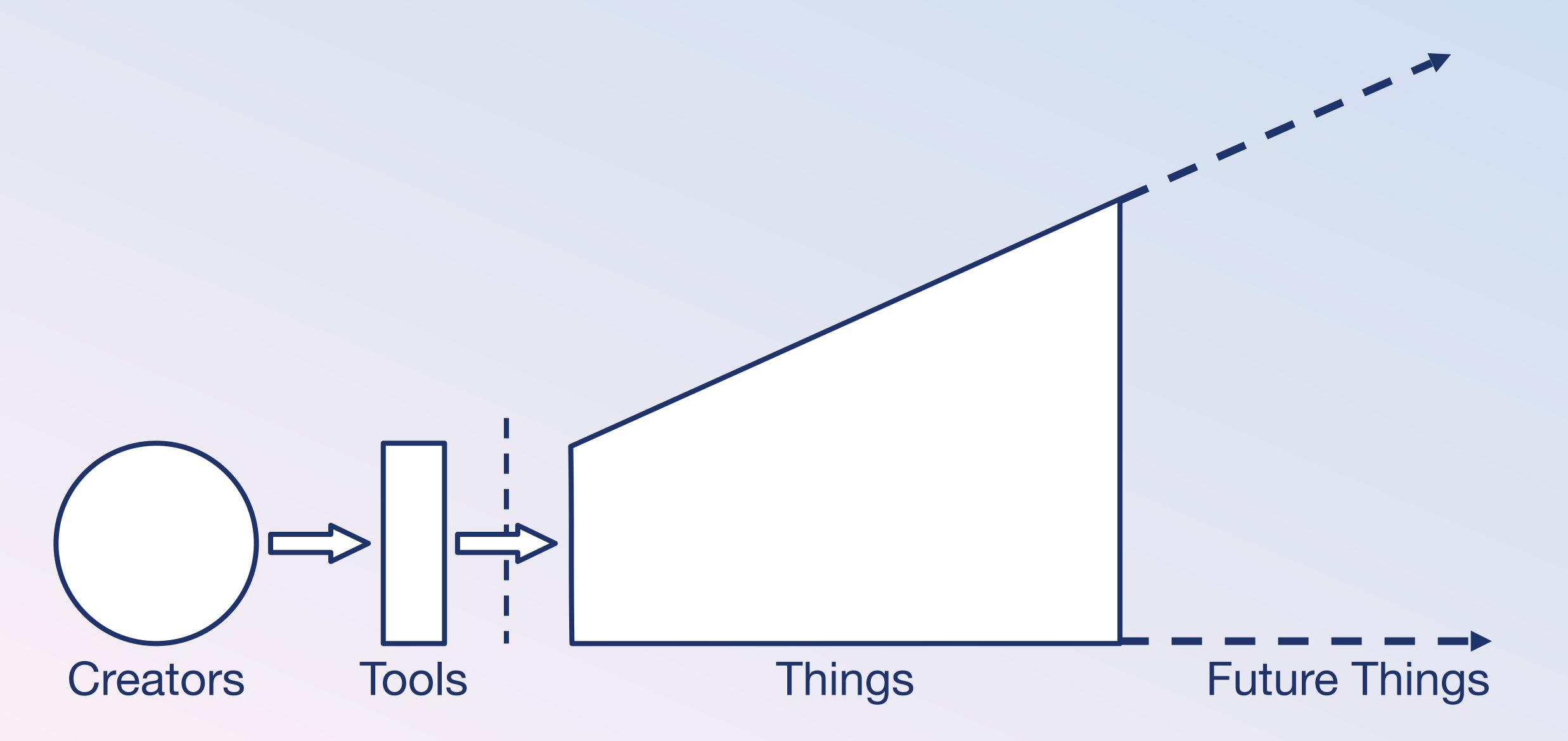


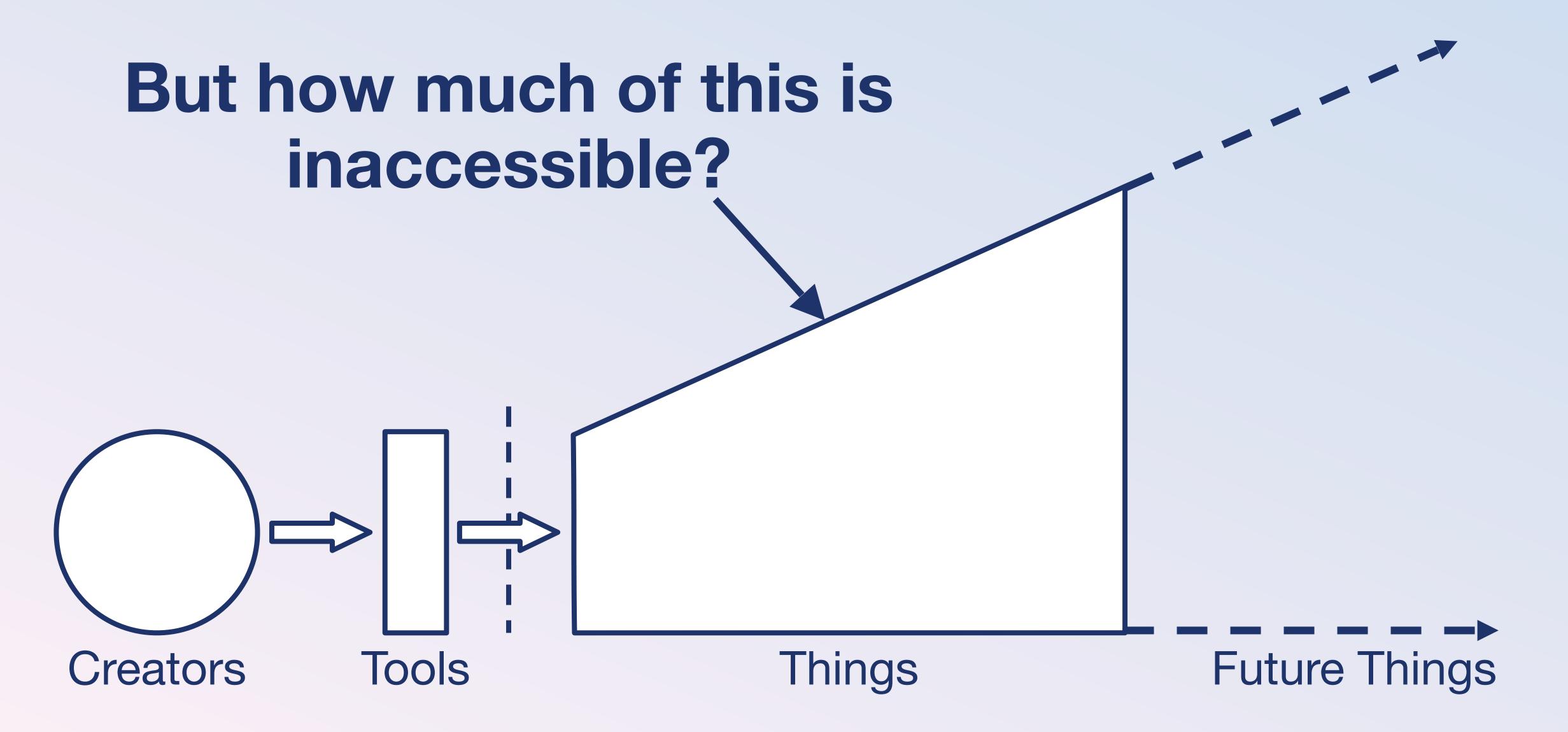
Credit: Our research

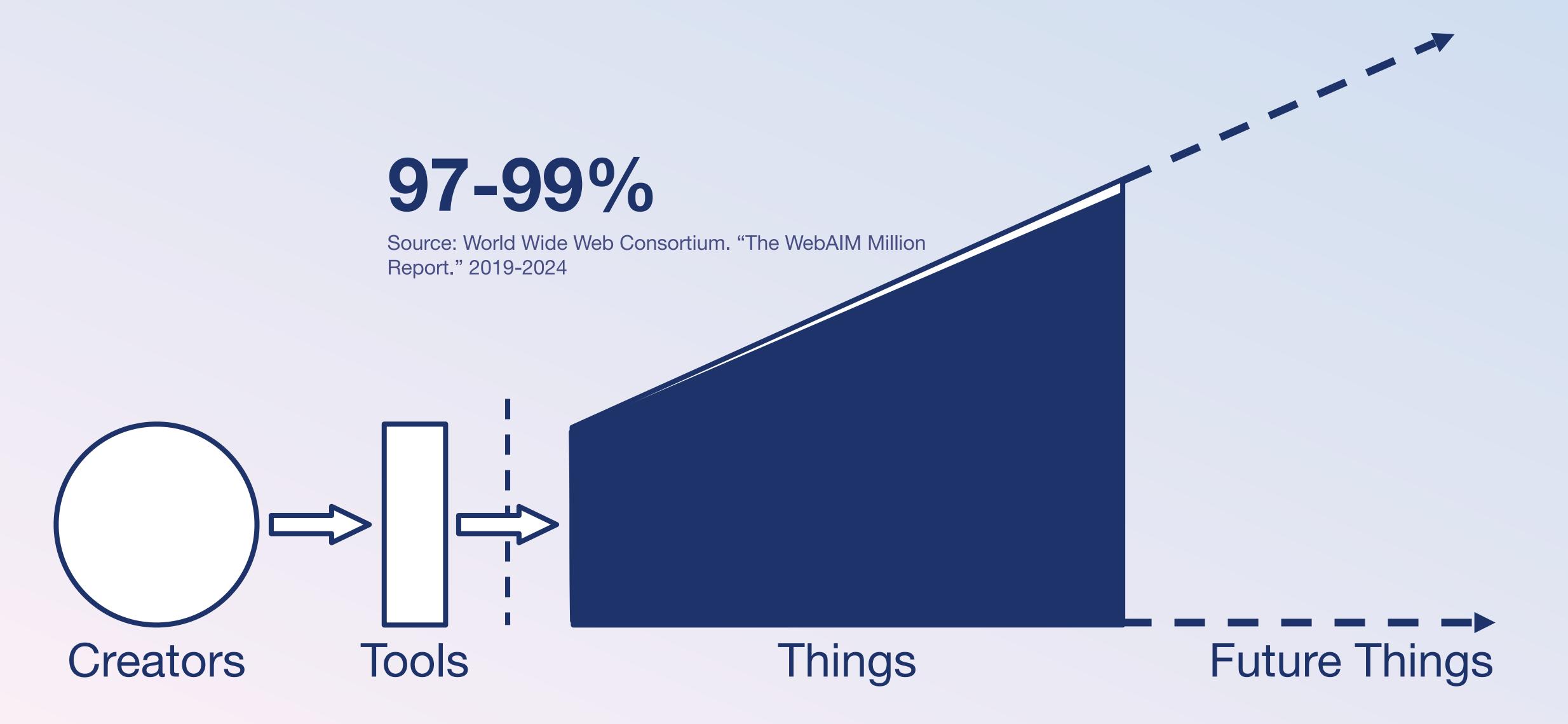






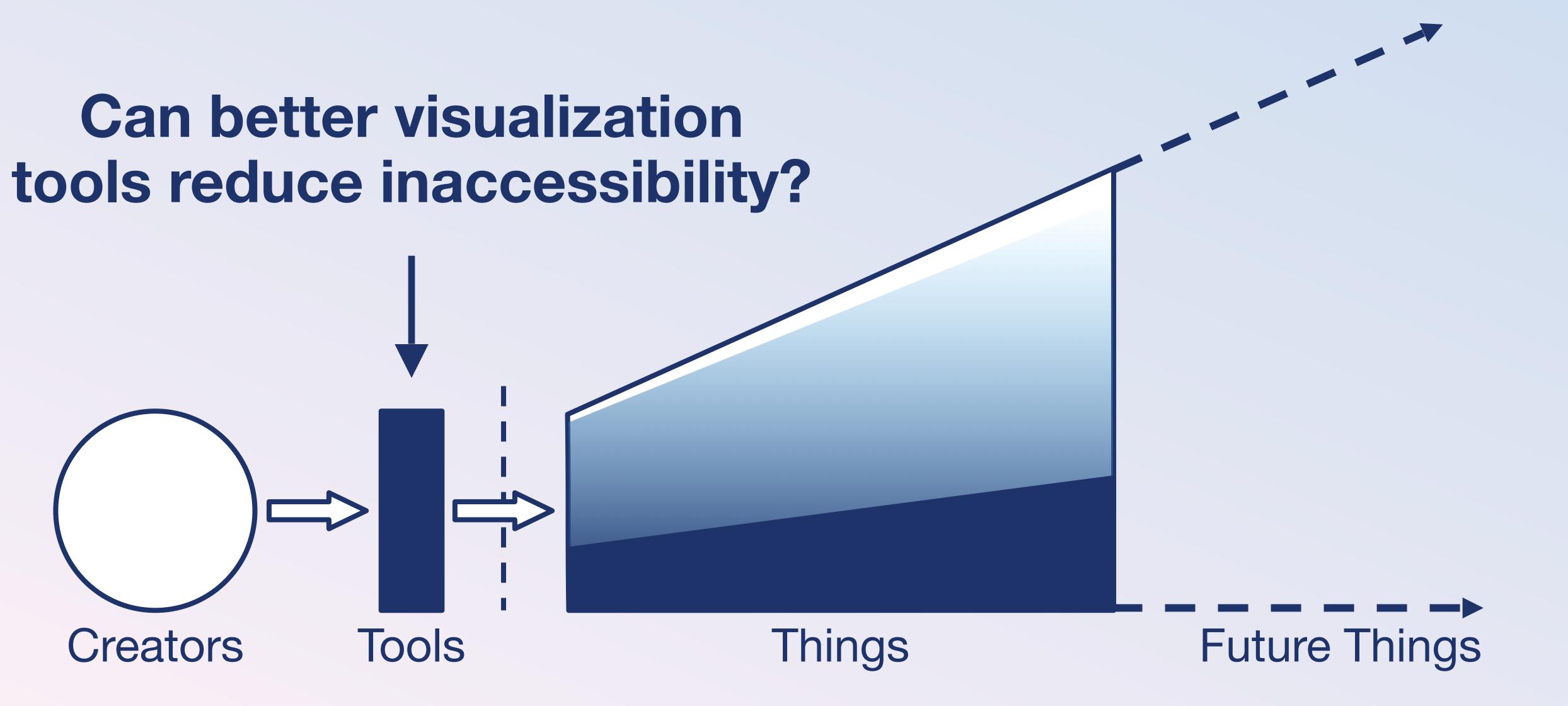






The builders and the makers (that's us) are responsible for access.





Tooling matters:

Looking at data journalism + Flourish

