

DATA and POWER

WHY I'M **HERE**

@nickgrossman



www.usv.com



competition

opening up data

opening up data

what's the right way to get which data into the hands of the public, government & individuals?

CYCLE OF CONSOLIDATION & CONTROL



https://upload.wikimedia.org/wikipedia/commons/a/ab/Taxis_at_EDDT.jpg



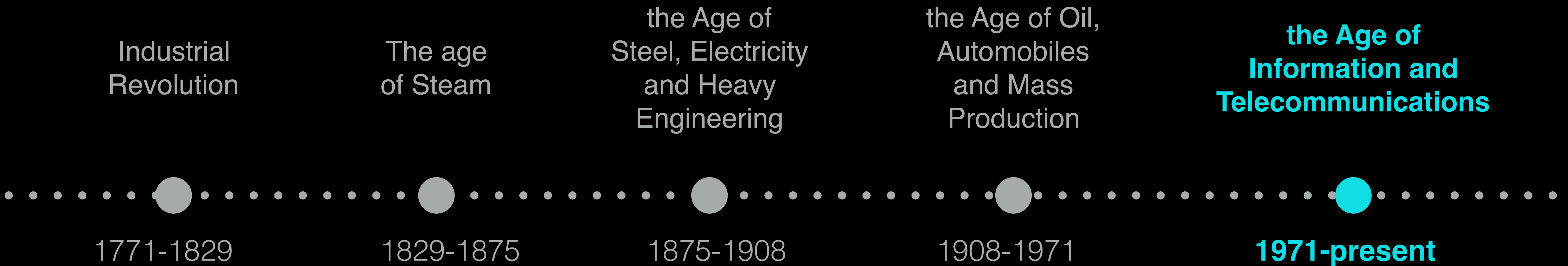


Recherche Google

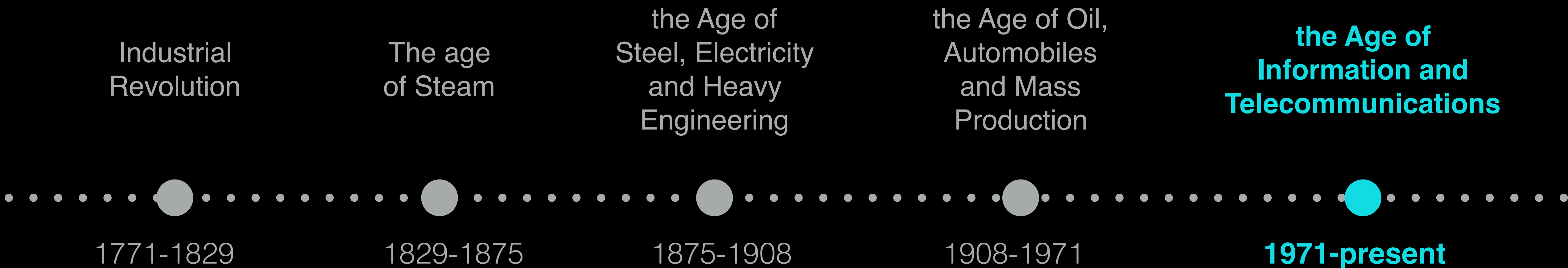
J'ai de la chance

Le domaine Google.fr est disponible en : [English](#)

POWER IN THE **KNOWLEDGE ERA**



“The **new paradigm** eventually becomes the new generalized ‘common sense’, which gradually finds itself embedded in social practice, legislation and other components of the institutional framework...”



the power to regulate in a new way

company

person

company

person

company

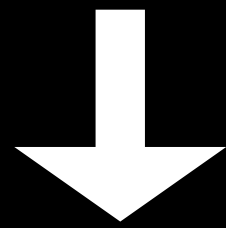
person

company

government



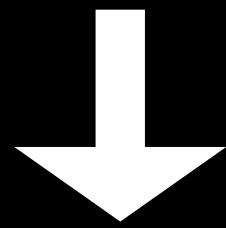
lots of work



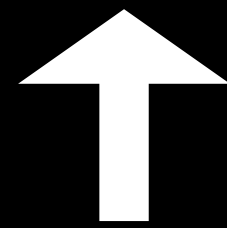
government



lots of work



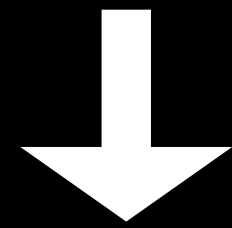
permission to operate



government

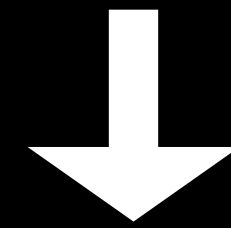


lots of work



↑
permission to operate

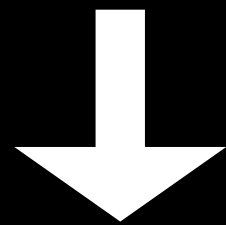
very little data



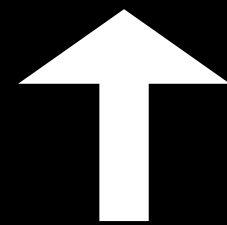
government



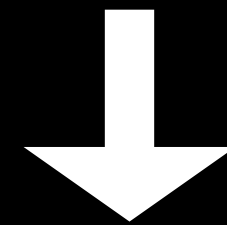
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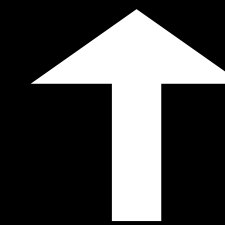
permission to operate



very little data



loose accountability



government

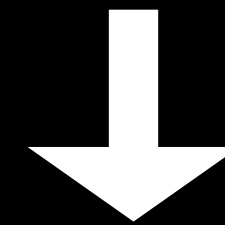


lots of work



↑
permission to operate

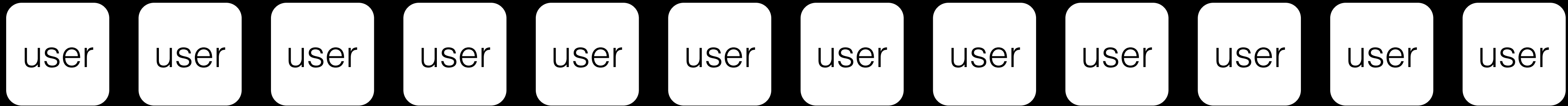
very little data



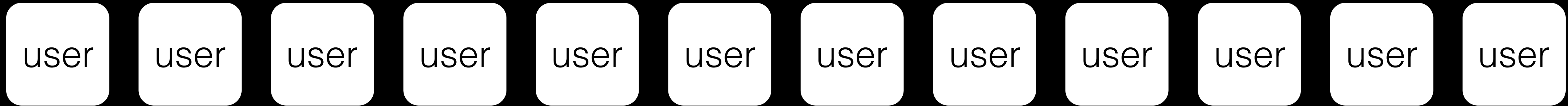
↑
loose accountability

government

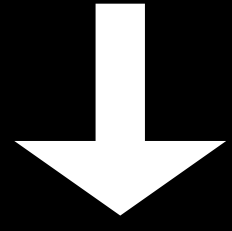
regulations focus on **barriers to entry**



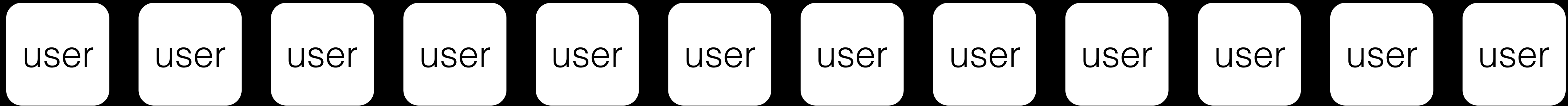
web platform



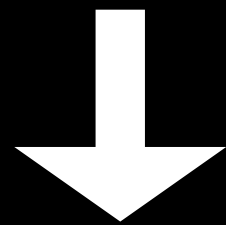
very little work



web platform

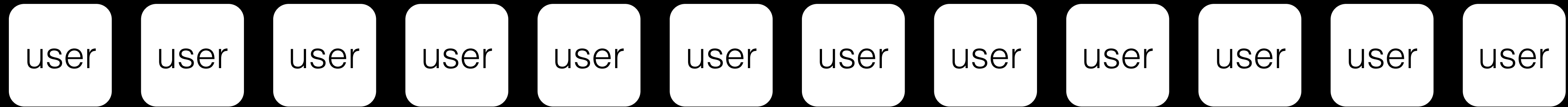


very little work

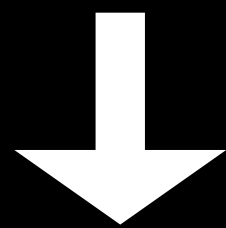


permission to operate

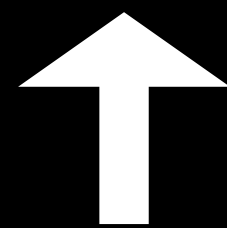
web platform



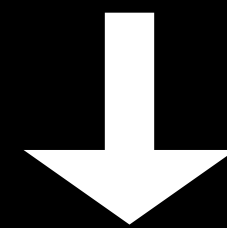
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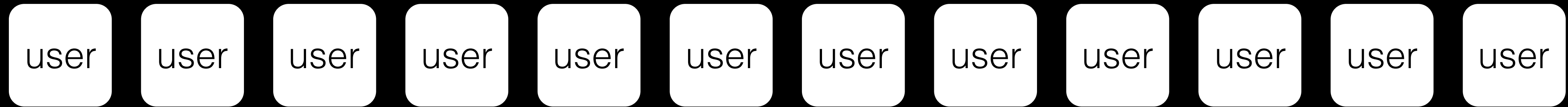
permission to operate



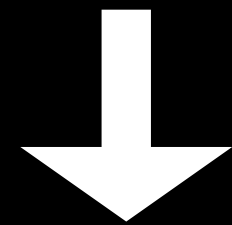
lots of data



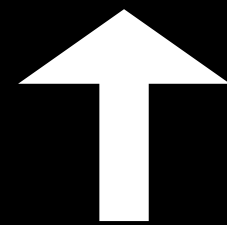
web platform



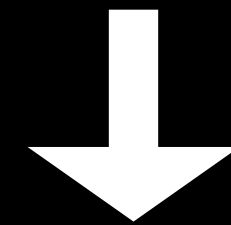
very little work



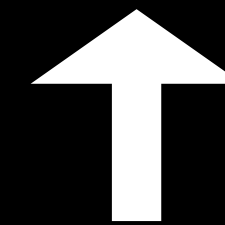
permission to operate



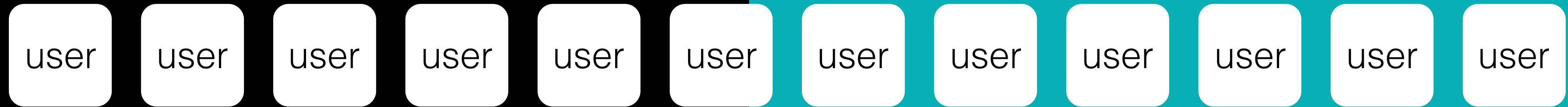
lots of data



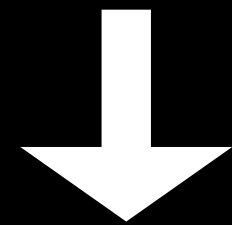
strict accountability



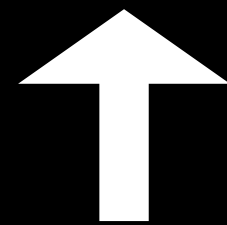
web platform



very little work



permission to operate



lots of data



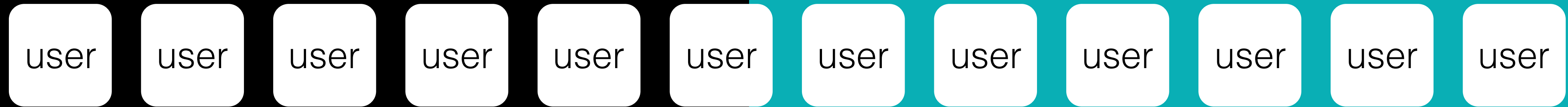
strict accountability



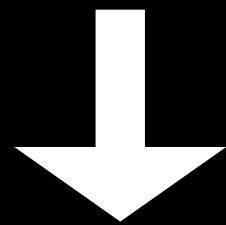
web platform

regulations focus on **accountability**

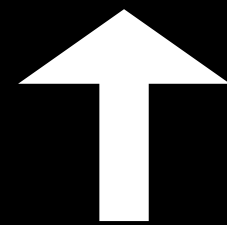
rather than **wield permission**, **ask for data**.



very little work



permission to operate



lots of data



strict accountability



web platform

regulations focus on **accountability**

the power of network effects





database
of **links, apps**
& **searches**



database
of **links, apps**
& **searches**



database
of **apps &**
credit cards



database
of **links, apps**
& **searches**



database
of **apps** &
credit cards



database
of **photos,**
articles & **likes**





database
of **links, apps**
& **searches**



database
of **apps** &
credit cards



database
of **photos,**
articles & **likes**



database
of **products** &
credit cards



database
of **links, apps**
& **searches**



database
of **apps** &
credit cards

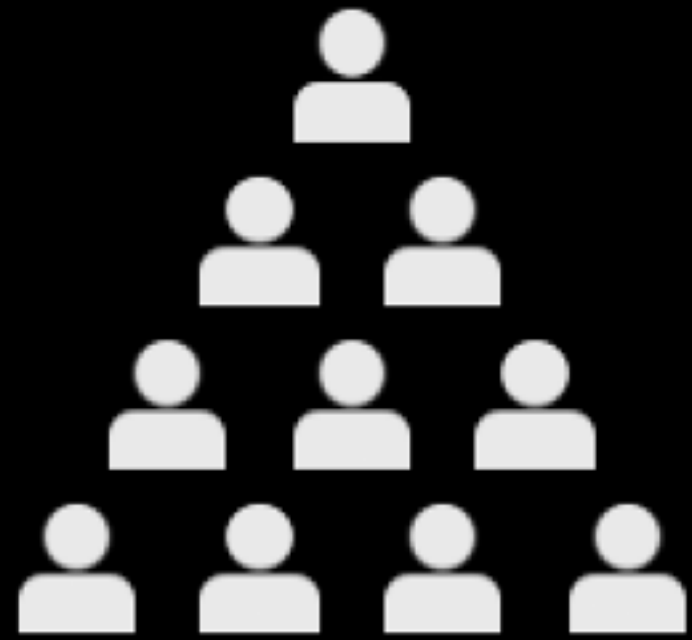


database
of **photos,**
articles & **likes**

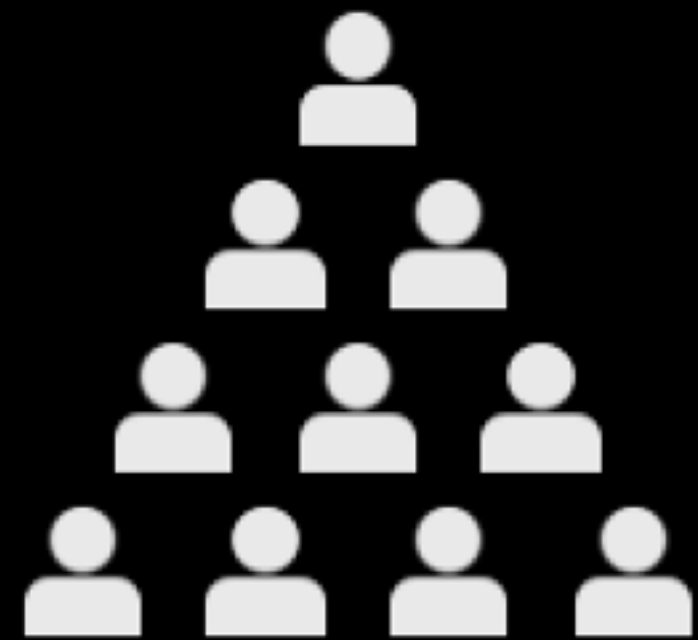


database
of **products** &
credit cards

people & clicks

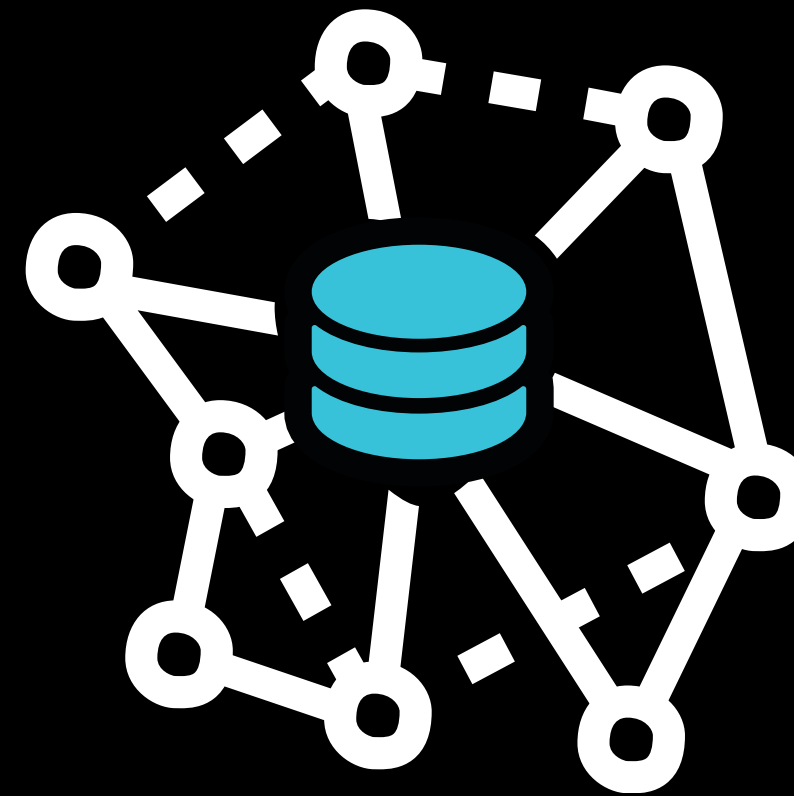
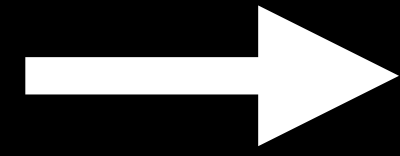
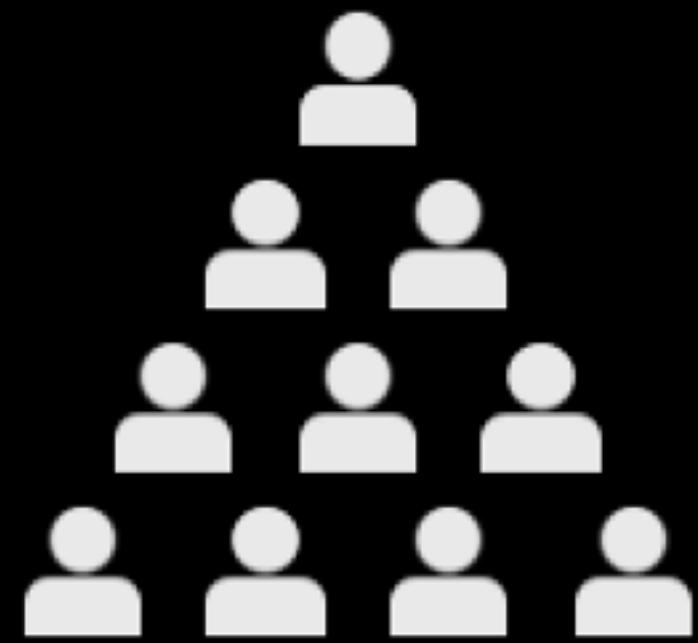


centralized &
hierarchical



centralized &
hierarchical

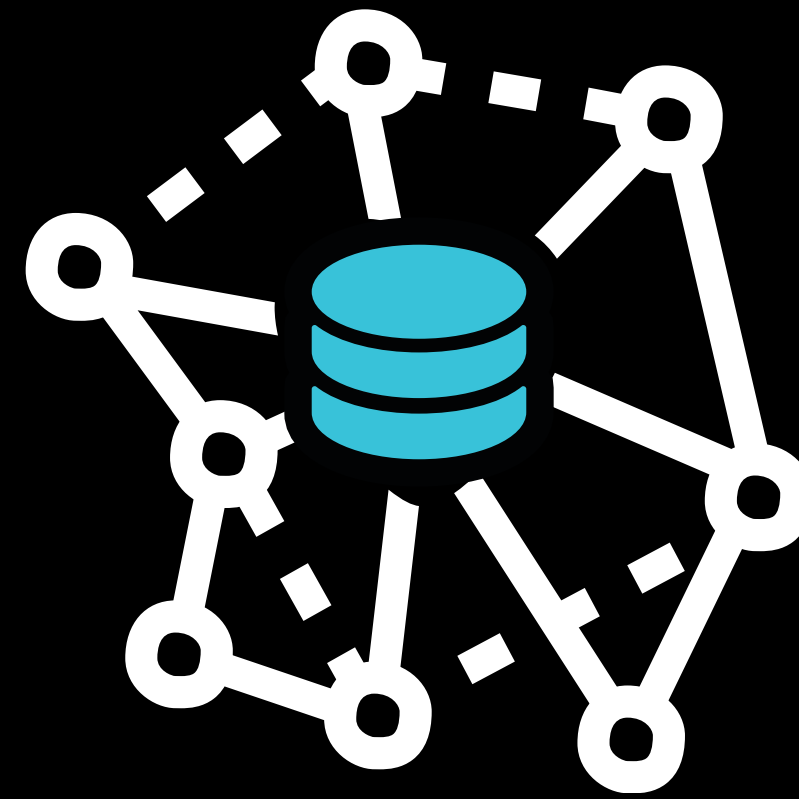
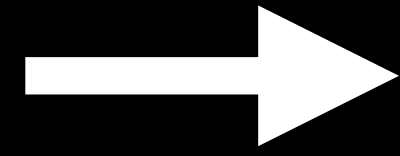
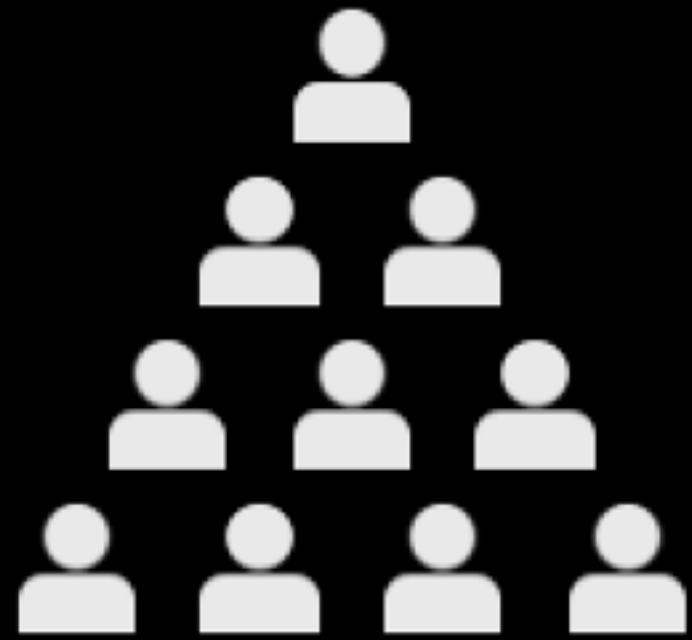
Traditional Industry:
Taxis Hotels
Hospitals etc.



centralized &
hierarchical

decentralized
communications

Traditional Industry:
Taxis Hotels
Hospitals etc.

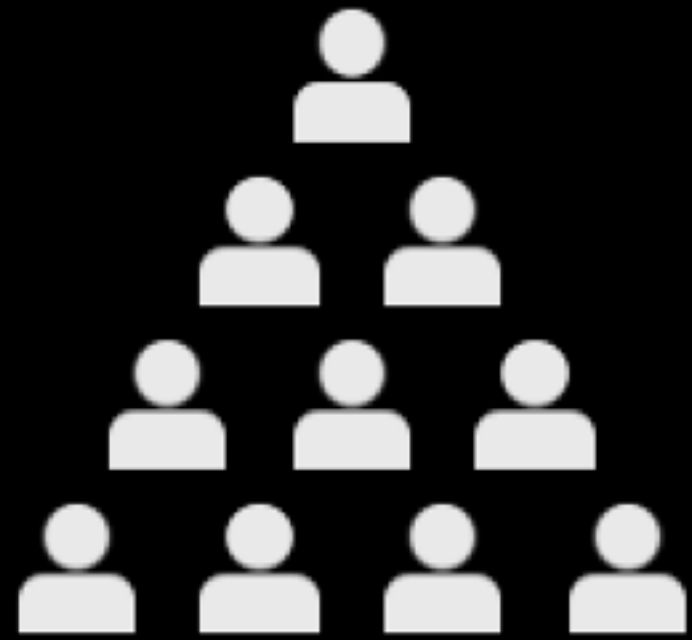


centralized &
hierarchical

decentralized
communications

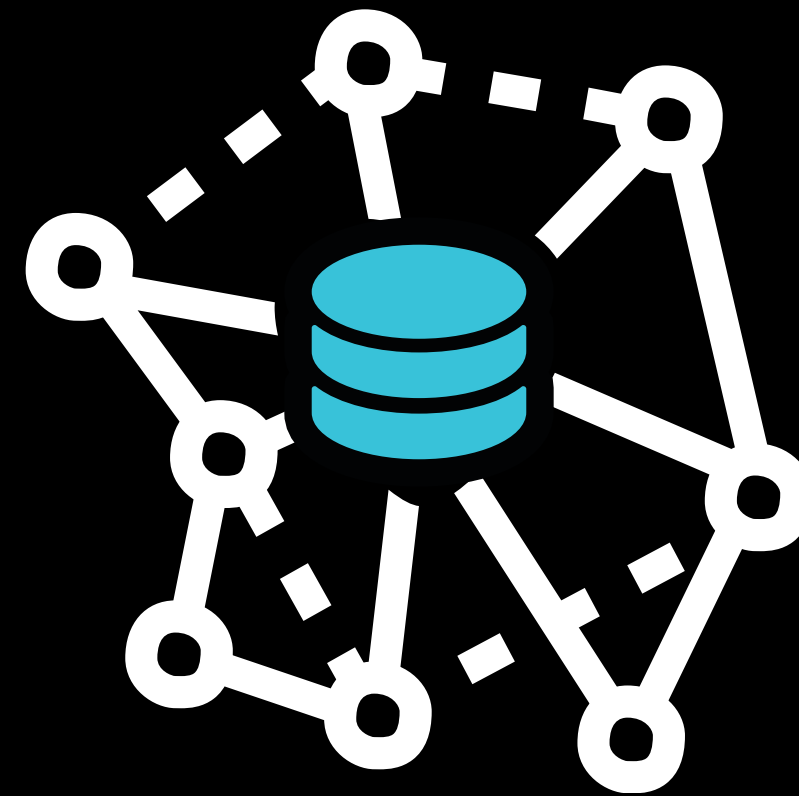
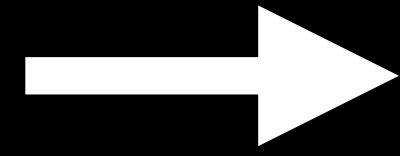
Traditional Industry:
Taxis Hotels
Hospitals etc.

Web Platforms:
Google Amazon Facebook
Airbnb Uber etc.



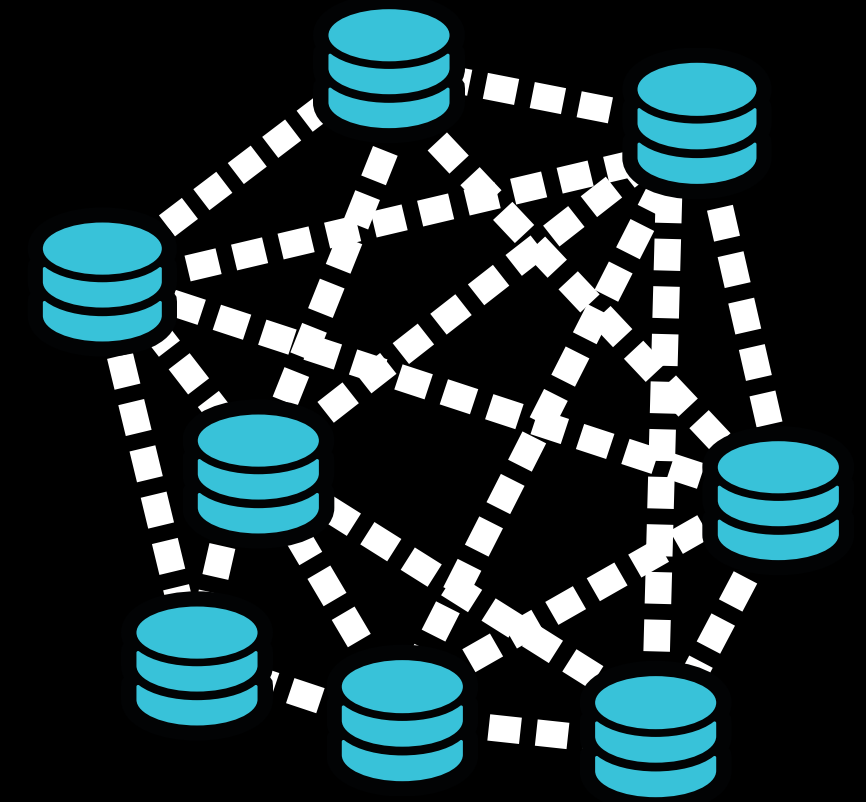
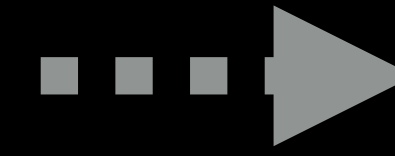
centralized &
hierarchical

Traditional Industry:
Taxis Hotels
Hospitals etc.

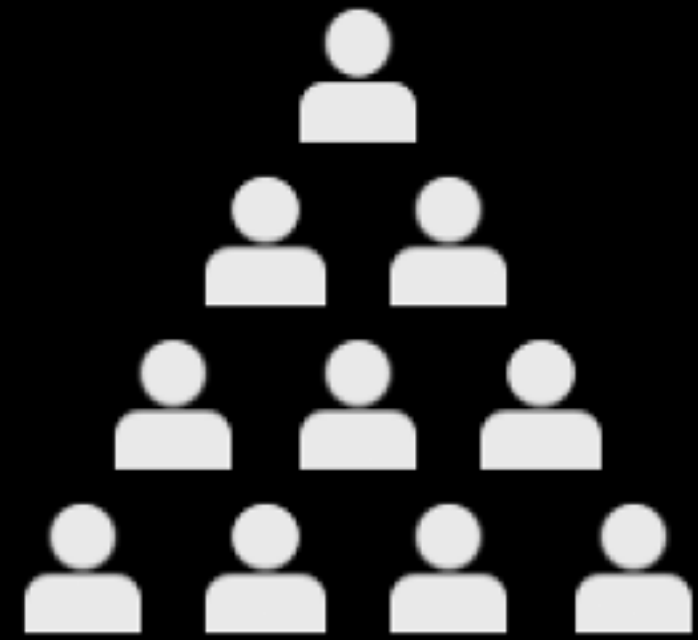


decentralized
communications

Web Platforms:
Google Amazon Facebook
Airbnb Uber etc.

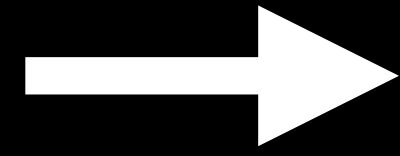


decentralized
data



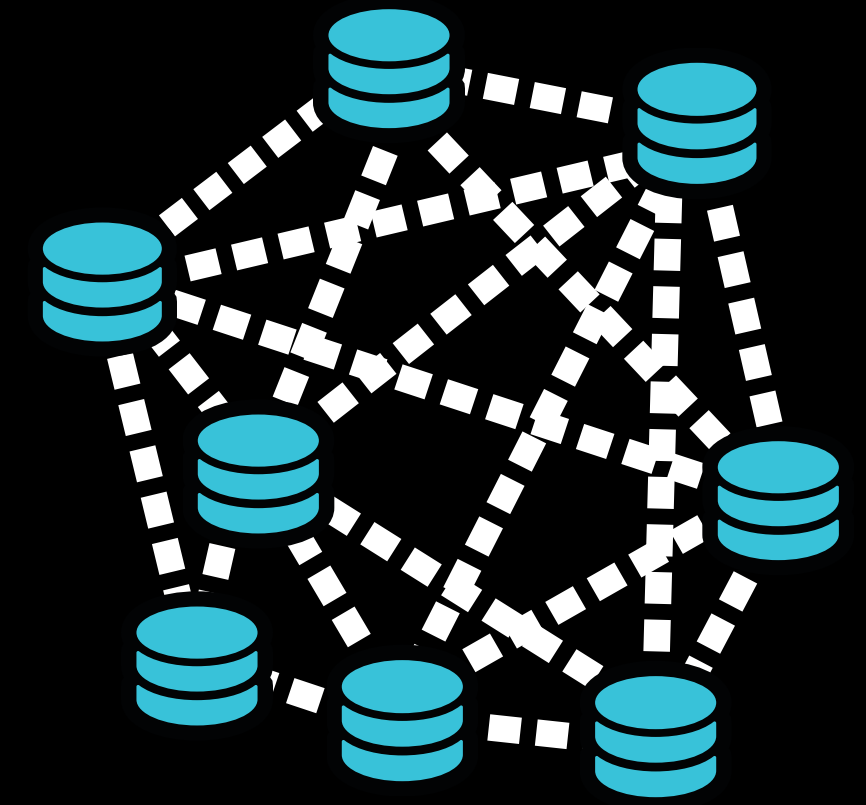
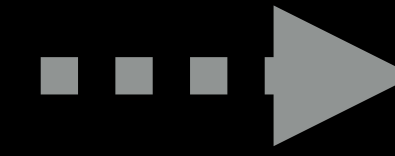
centralized &
hierarchical

Traditional Industry:
Taxis Hotels
Hospitals etc.



decentralized
communications

Web Platforms:
Google Amazon Facebook
Airbnb Uber etc.



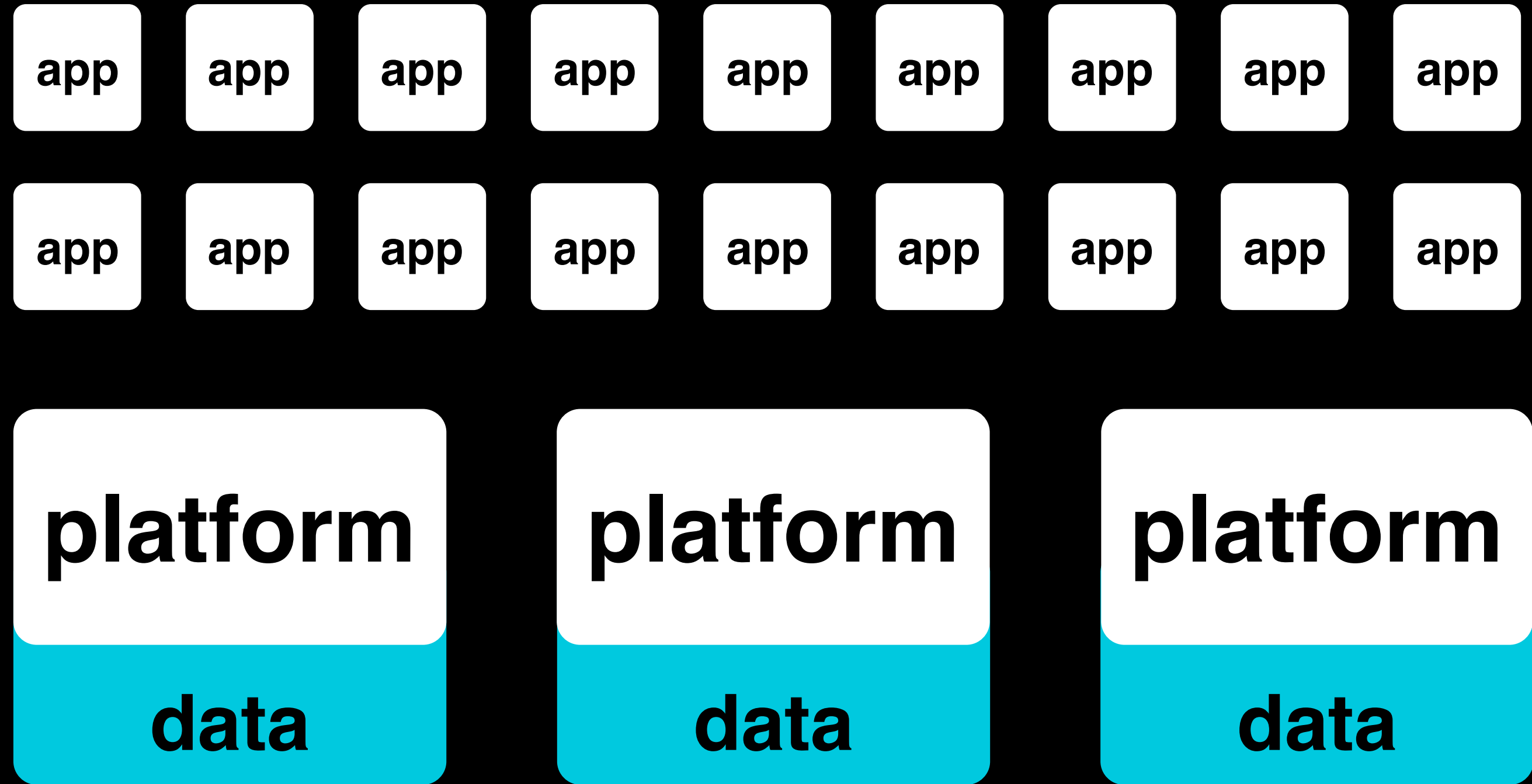
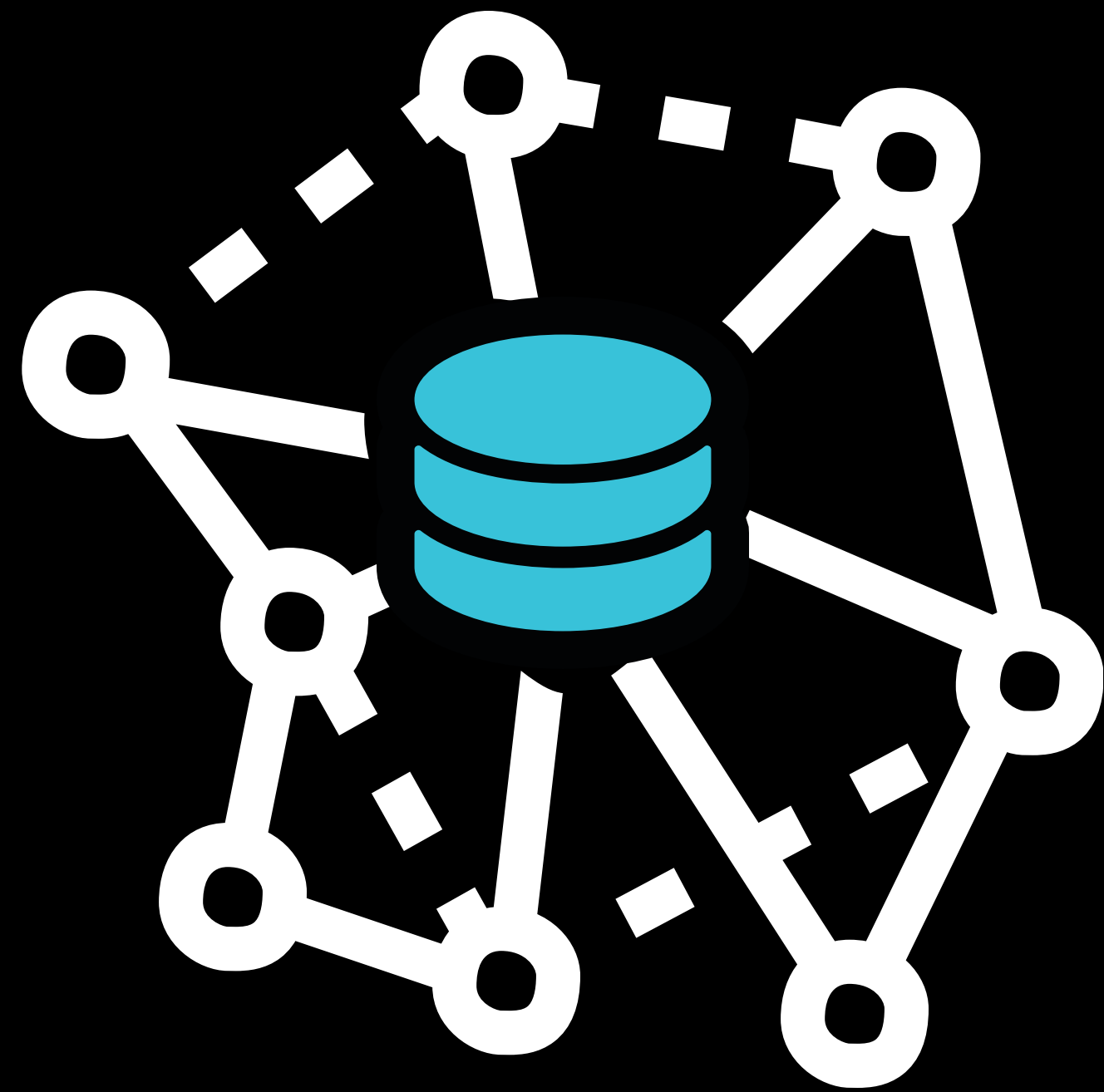
decentralized
data

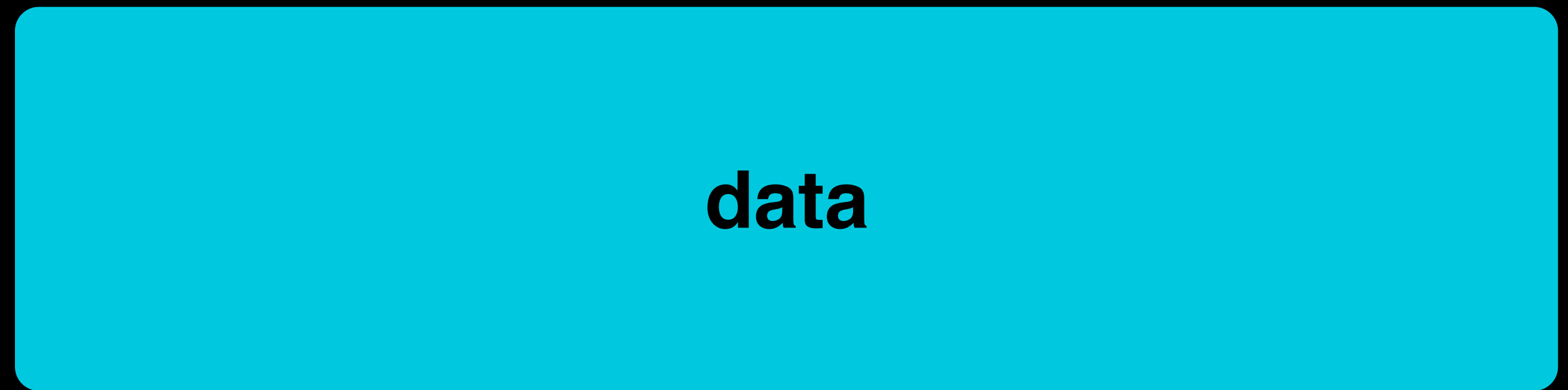
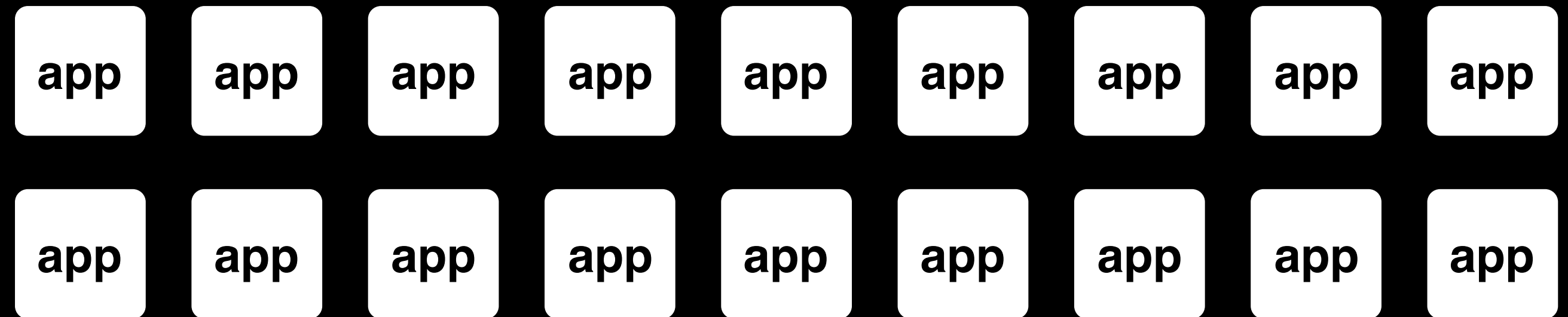
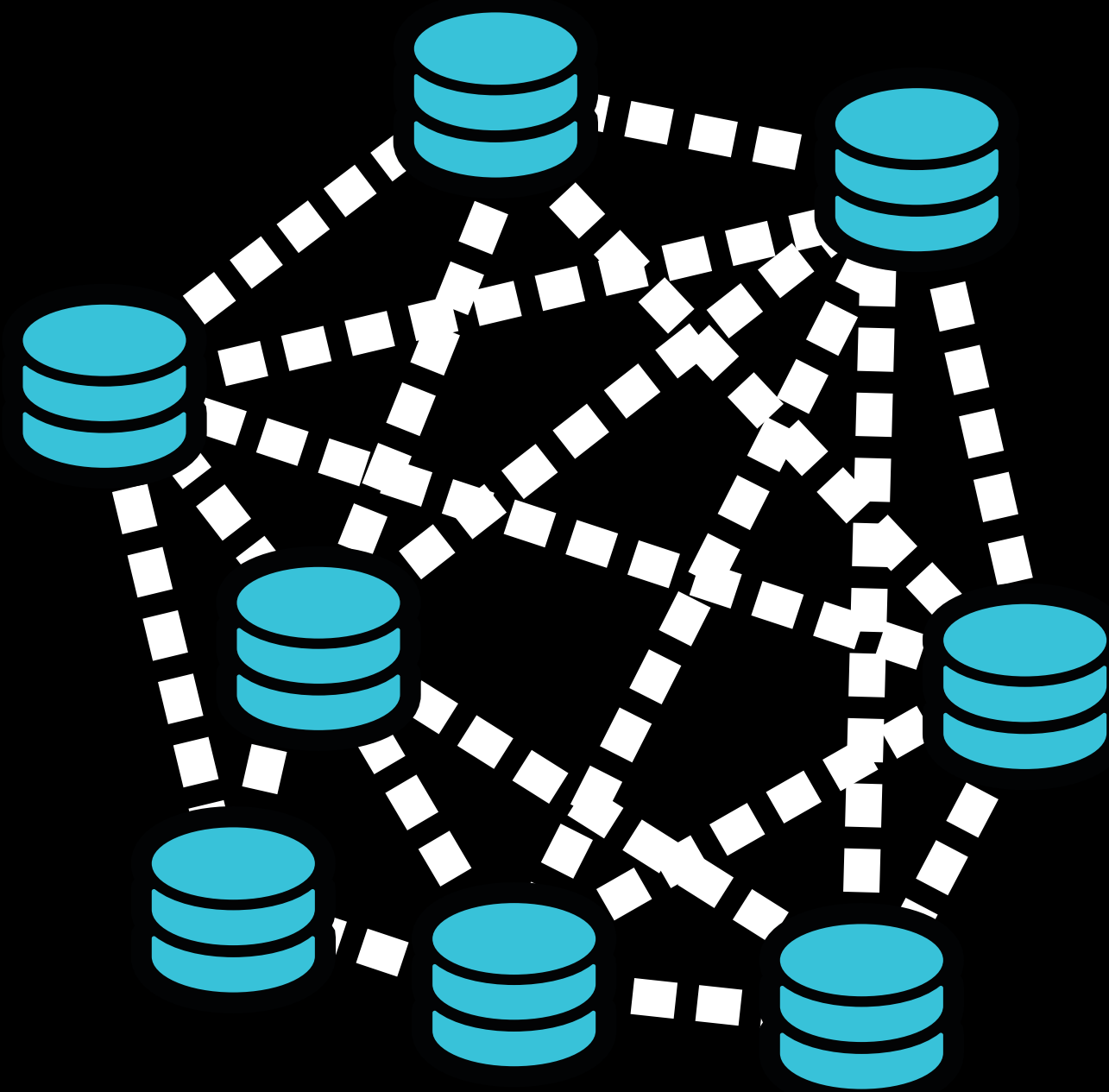
Blockchains &
Cryptocurrencies:
Bitcoin Ethererum etc.

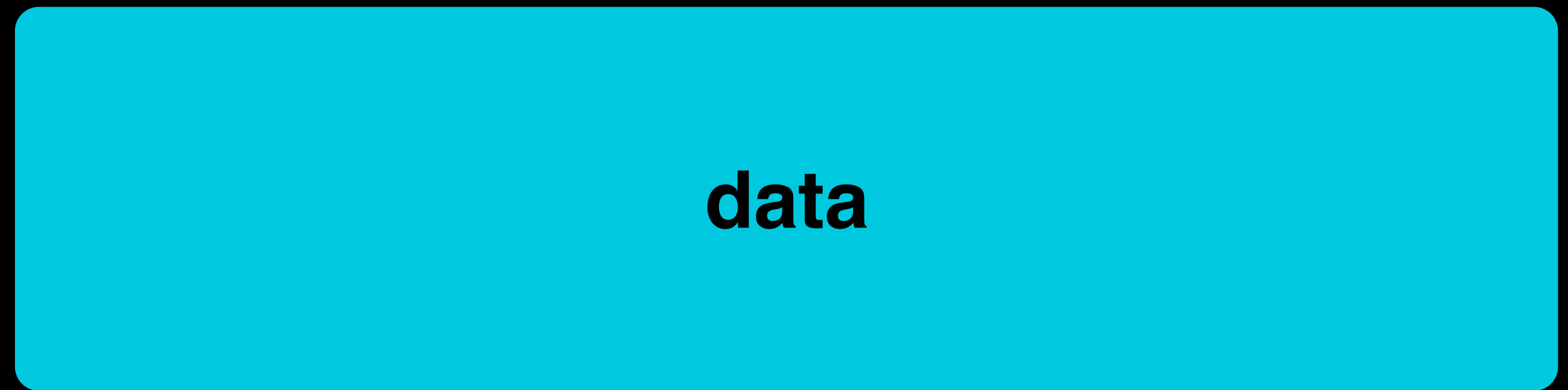
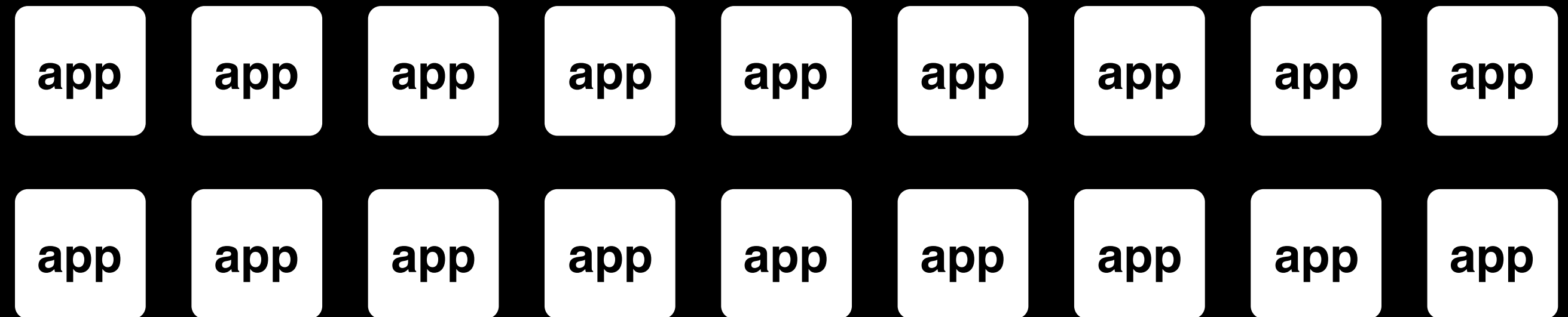
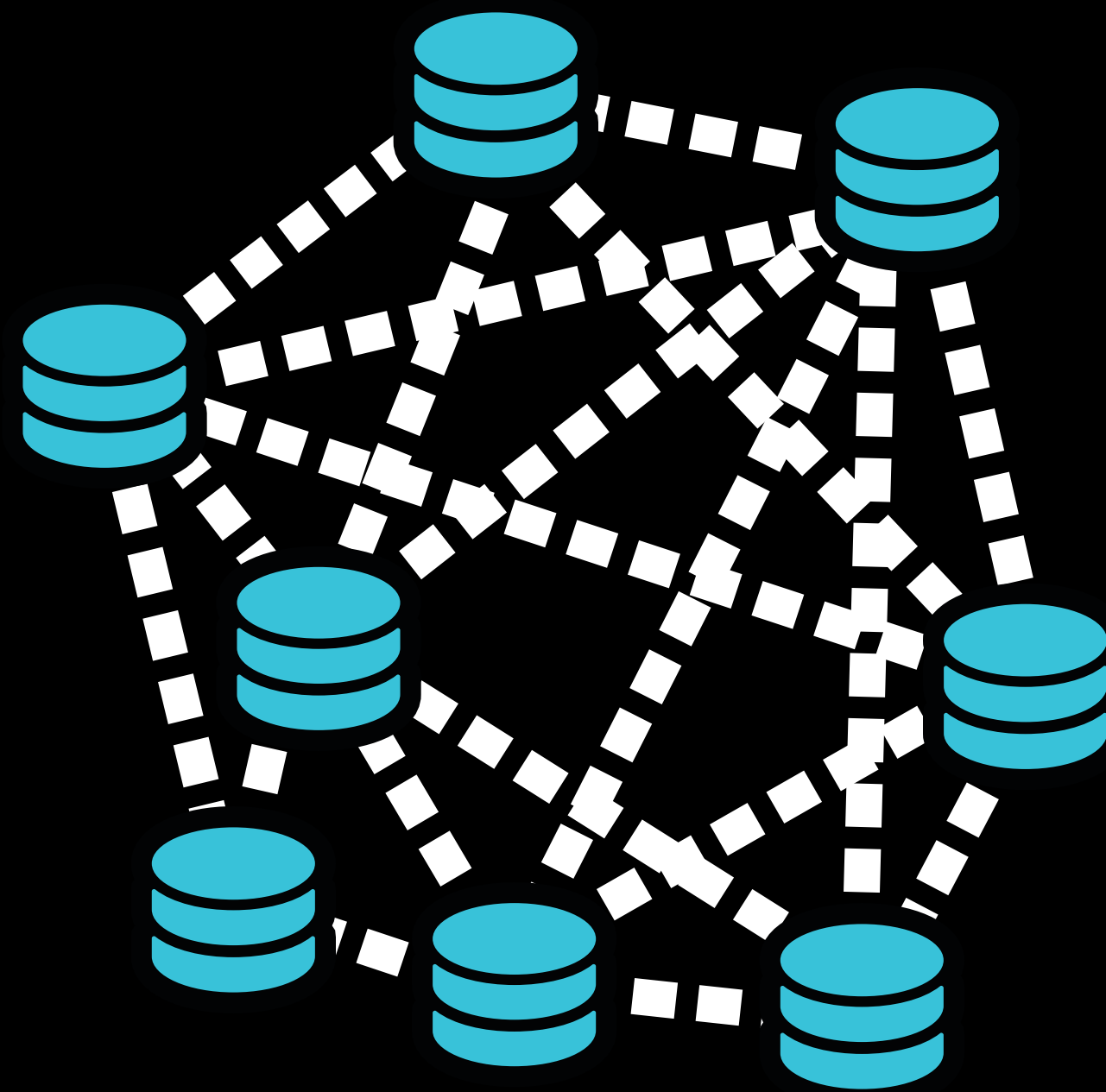
POLICY RECOMMENDATIONS

#1: support public blockchains

(Bitcoin, Ethereum, etc.)





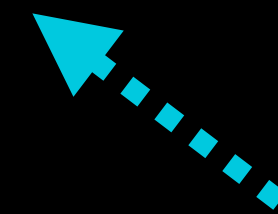
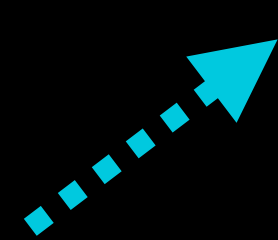


Data are publicly verified,
but not controlled by any single company.

#2: incentivize data sharing



opentraffic.io



Ride share

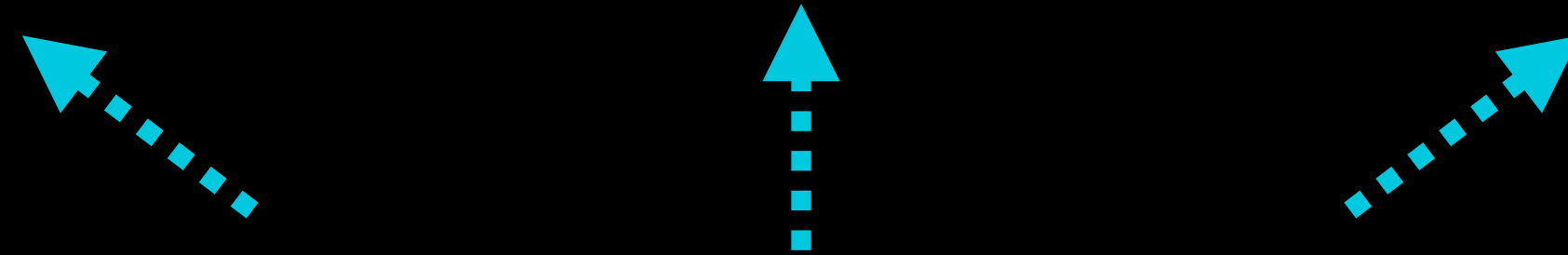
Car share

Taxis

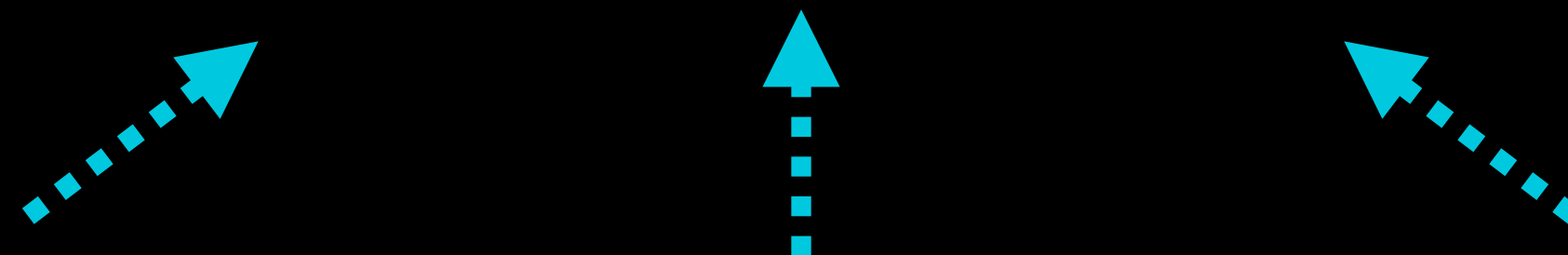
Buses

etc.

Data Access Analysis Regulation etc.

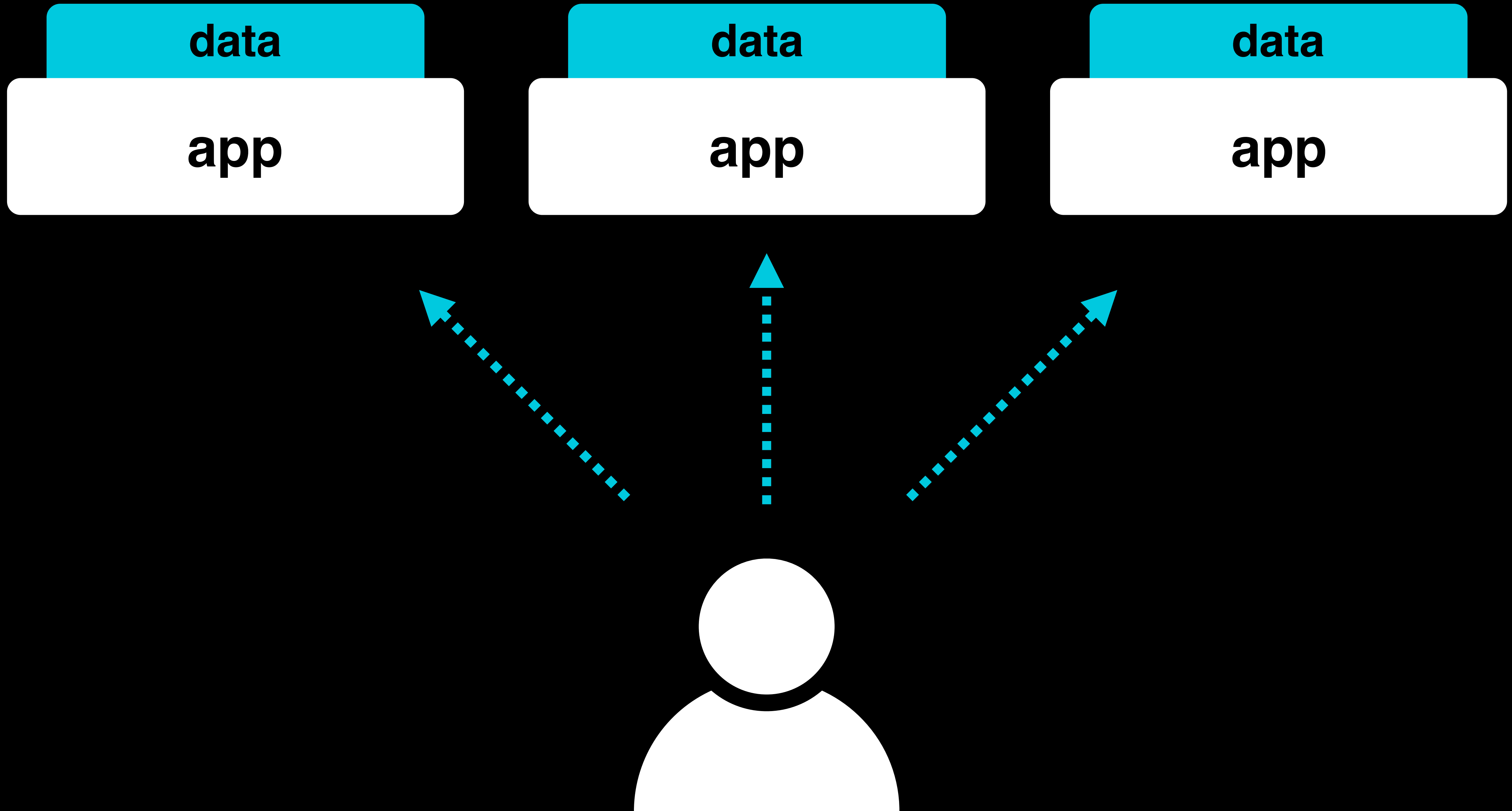


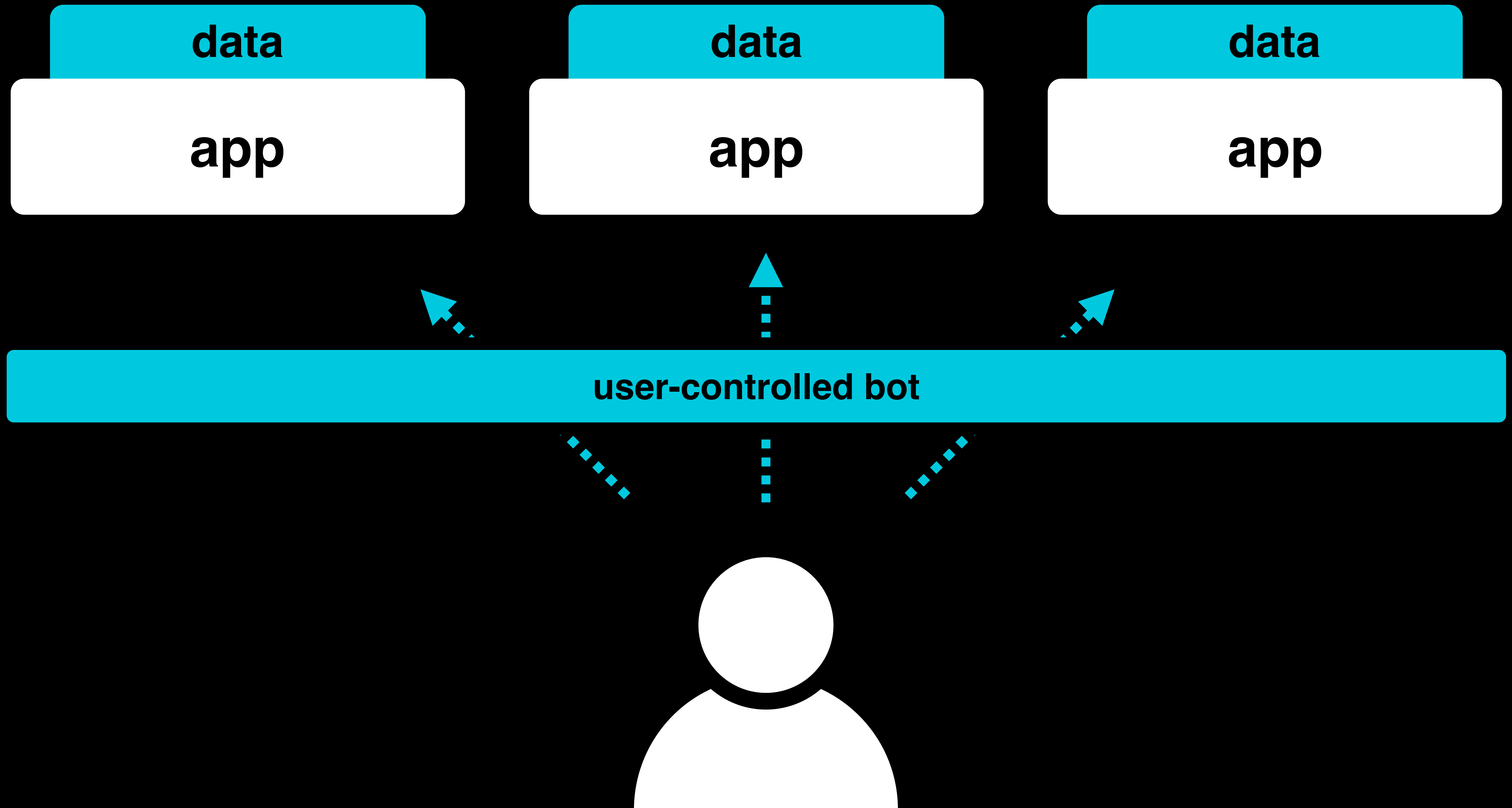
opentraffic.io

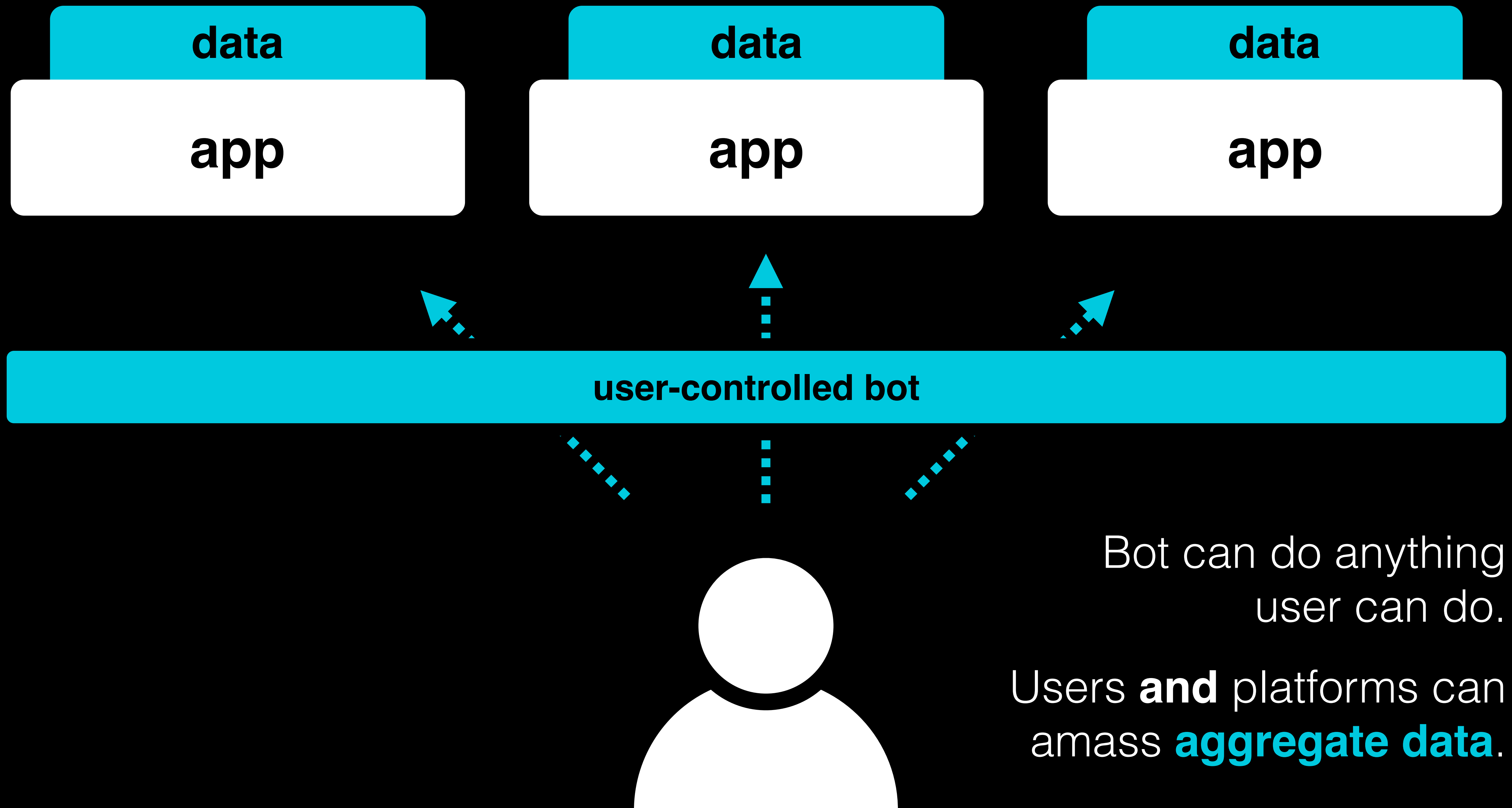


Ride share Car share Taxis Buses etc.

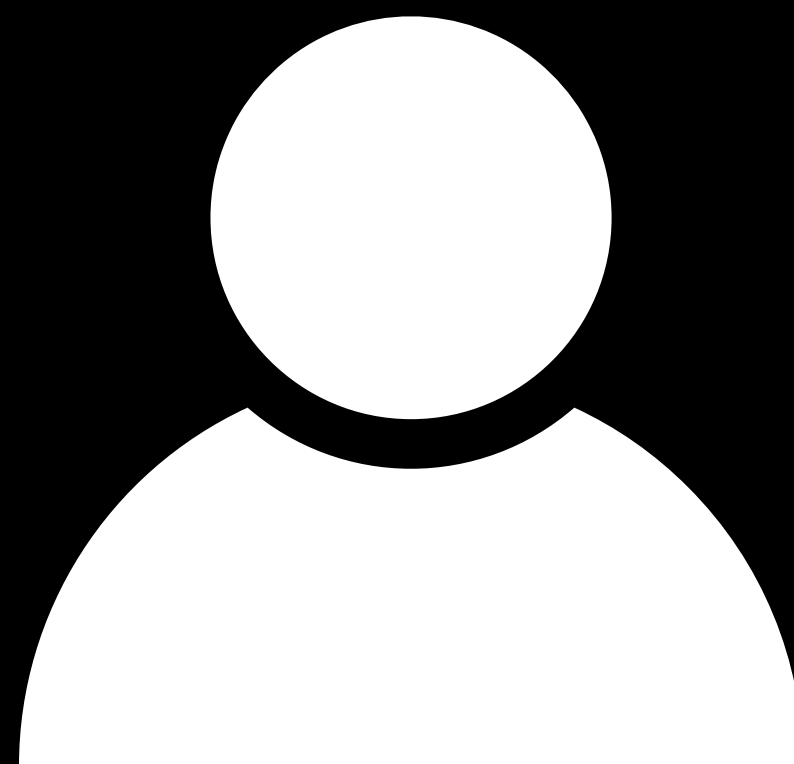
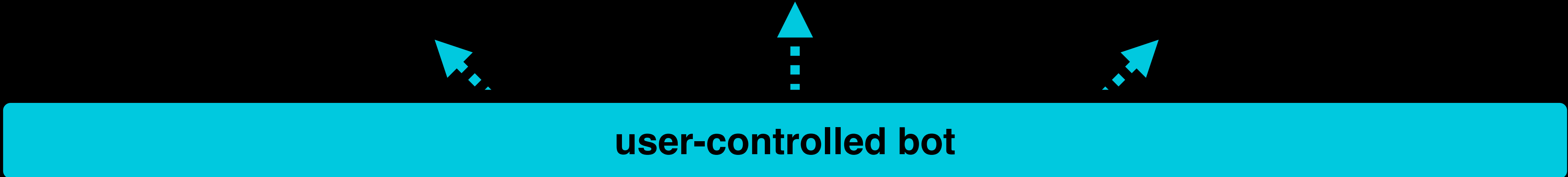
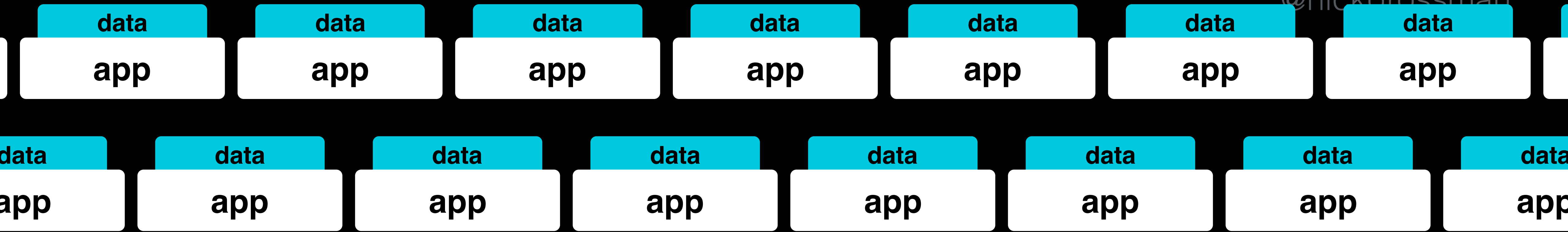
#3: recognize personal data rights







Bot can do anything
user can do.
Users **and** platforms can
amass **aggregate data**.



Bot can do anything user can do.
Users **and** platforms can amass **aggregate data**.

thanks!

nick@usv.com

@nickgrossman

