

EXPLORE YOUR DATA

The fundamentals of network visualization

Amy Heineike

@aheineike
Former Director of Mathematics, Quid Inc





About 70,500,000 results (0.28 seconds)

Machine learning is a scientific/engineering discipline that involves the construction and study of algorithms that can learn from data. These algorithms operate by building a model that can automatically make predictions or decisions, rather than being explicitly programmed instructions.

Machine learning - Wikipedia, the free encyclopedia. en.wikipedia.org/wiki/Machine_learning

Machine learning - Wikipedia, the free encyclopedia. Machine learning is a scientific/engineering discipline and study of algorithms that can learn from data. These algorithms operate by building a model based on inputs and using that to make predictions or decisions, rather than being explicitly programmed instructions.

Machine Learning | Coursera. Machine learning is the science of getting computers to perform tasks without being explicitly programmed. In the past decade, machine learning has become one of the most important and rapidly growing areas of computer science.

CS 229: Machine Learning. The first discussion section will be held on Friday, October 10, 4:15 - 5:05 pm. It will cover some materials in linear algebra and probability.

Machine Learning - Stanford School of Engineering. This course provides a broad introduction to machine learning. Topics include: supervised learning (generalization, bias/variance, overfitting, regularization).

In the news



Show additional filters

Article types

- Clinical Trial Review More ...

Text availability

- Abstract Free full text Full text

PubMed Commons

Reader comments

Publication dates

- 5 years 10 years Custom range...

Species

- Humans Other Animals

Clear all

Show additional filters

Display Settings: Summary, 20 per page, Sorted by Recently Added

<< First < Prev Page 1 of 998 Next >

Results: 1 to 20 of 19942

1. Network models. Comment on "Control profiles of complex networks".

Campbell C, Shea K, Albert R. Science. 2014 Oct 31;346(6209):561. doi: 10.1126/science.1256492. PMID: 25359960 [PubMed - in process] Related citations

2. Synthetic secondary chromosomes in Escherichia coli based on the replication origin of chromosome II in Vibrio cholerae.

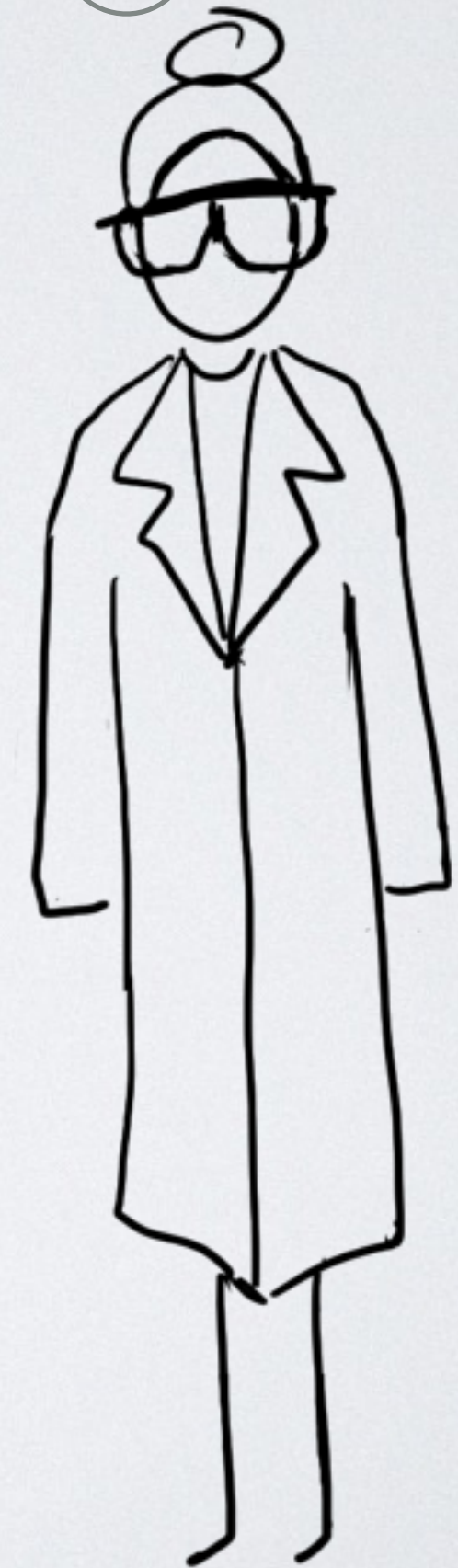
Messerschmidt SJ, Kemter FS, Schindler D, Waldminghaus B. Biotechnol J. 2014 Oct 31. doi: 10.1002/biot.201400031. [Epub ahead of print] PMID: 25359671 [PubMed - as supplied by publisher] Related citations

3. Methotrexate in combination with other DMARDs is not superior to methotrexate alone for remission induction with moderate-to-high-dose glucocorticoid bridging in early rheumatoid arthritis after 16 weeks of treatment: the CareRA trial.

Verschueren P, De Cock D, Corluy L, Joos R, Langenaken C, Taelman V, Raeman F, Ravelingien I, Vandevyvere K, Lenaers G, Geens E, Geusens P, Vanhoof J, Durnez A, Remans J, Vanhaverbeke B, Van Essche F, Sileghem A, De Brabanter G, et al.

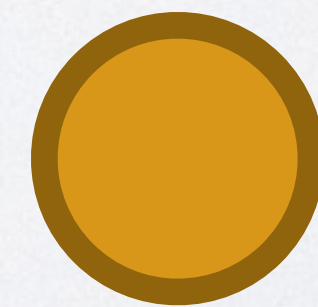
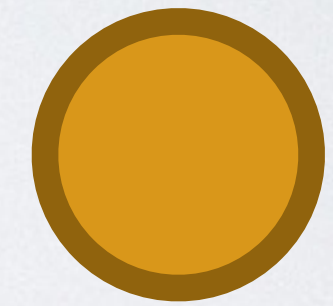
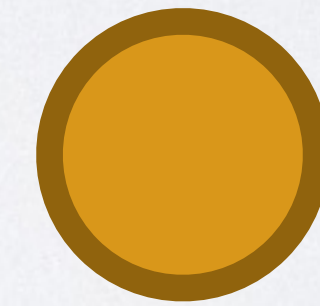
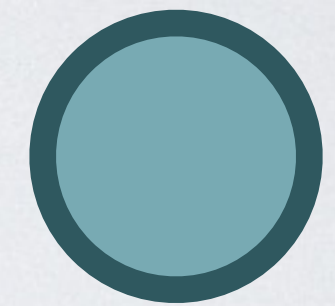
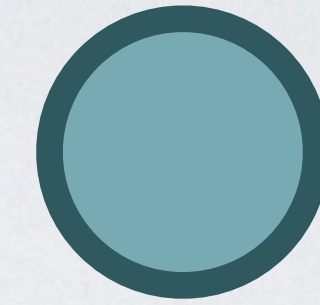
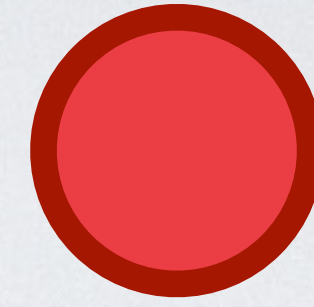
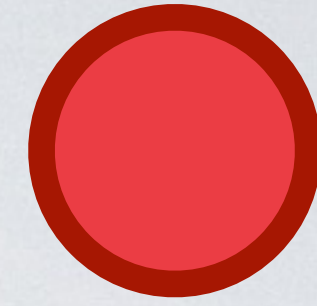
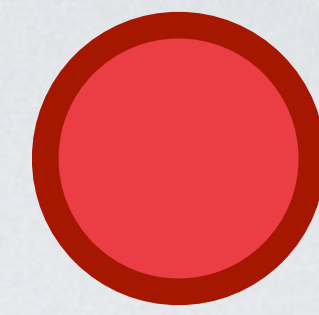
Twitter feed with tweets from Mike Beltzner, Daniel Tunkelang, Must Win, mrgunn, Bored Elon Musk, Fanatics, Nate Silver, and O'Reilly Radar.

WHATS INSIDE AN
EXPERTS BRAIN?



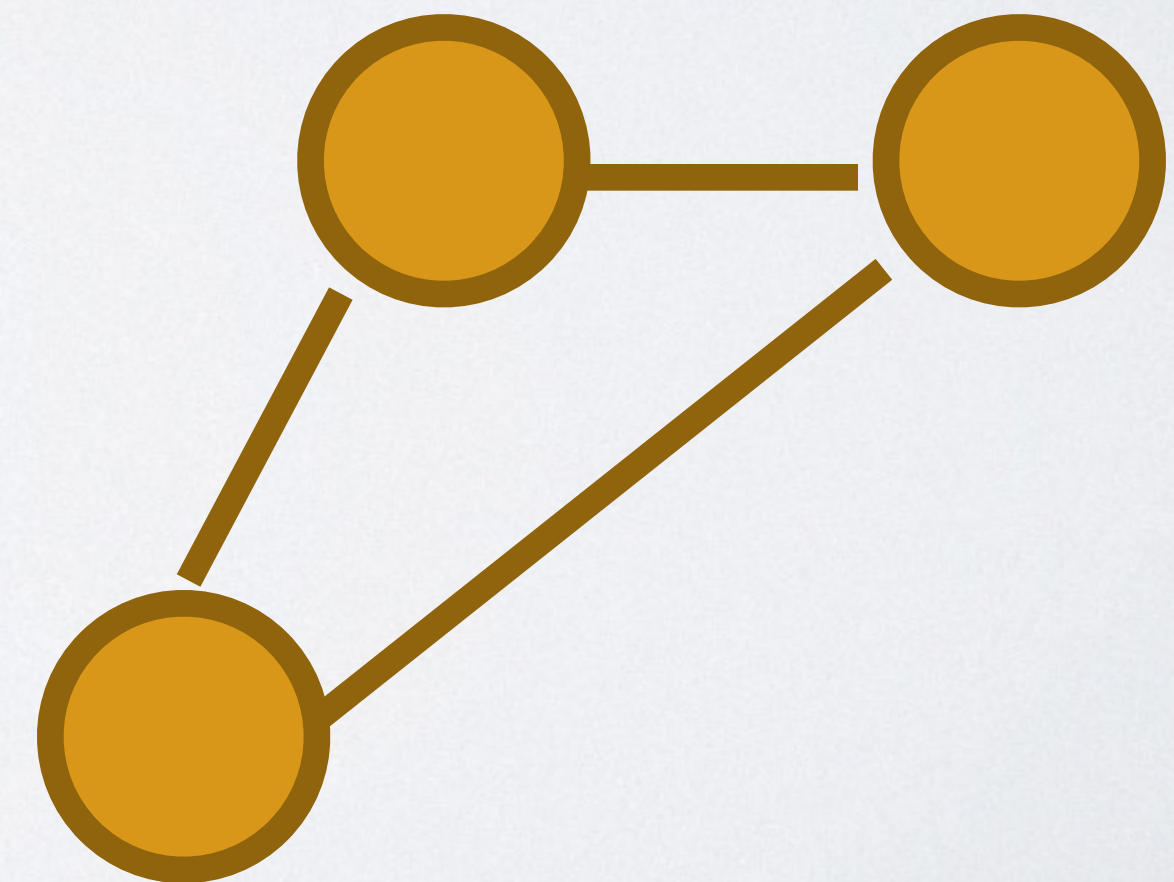
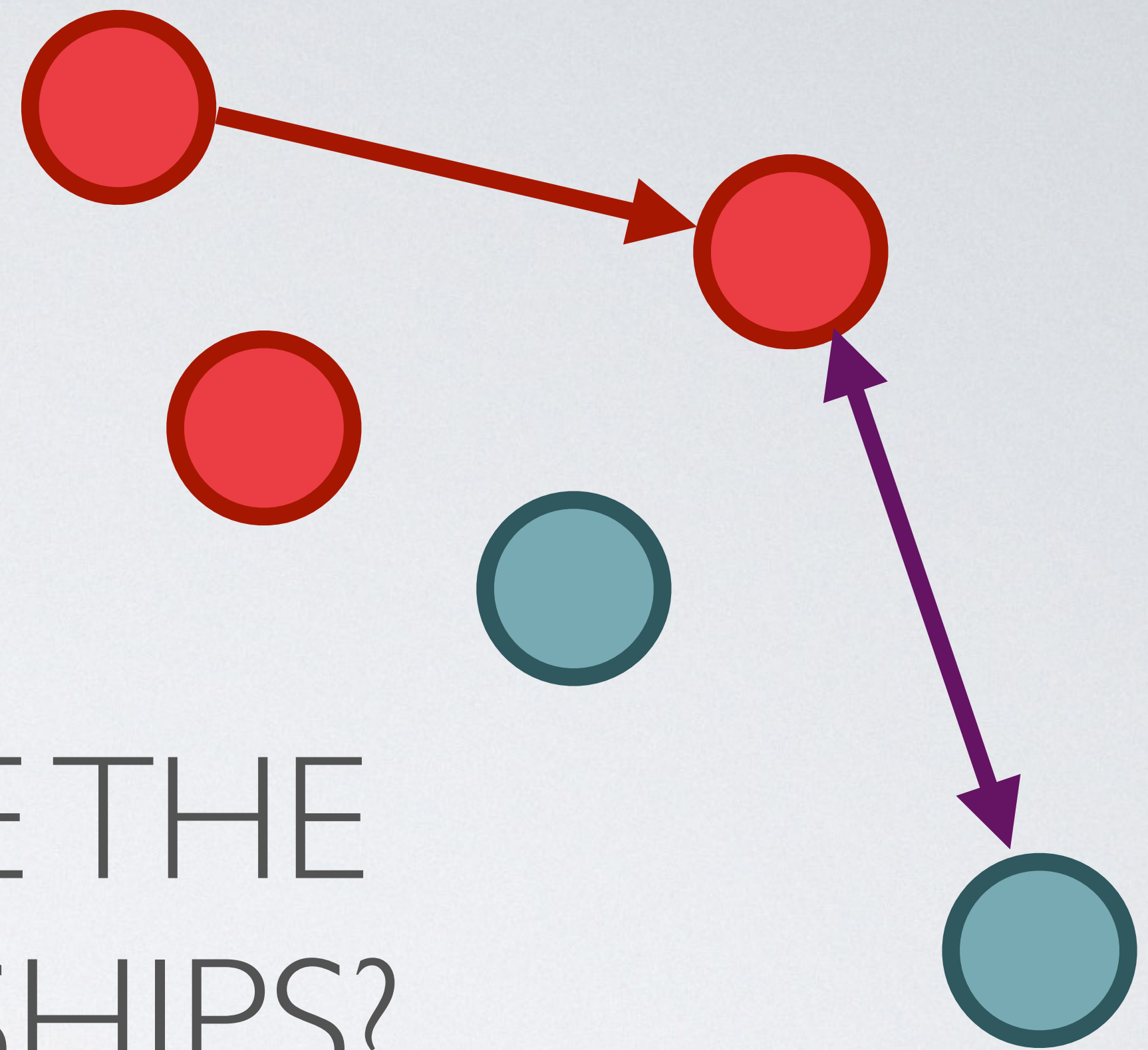


WHAT IS IN THE
WHOLE SET?

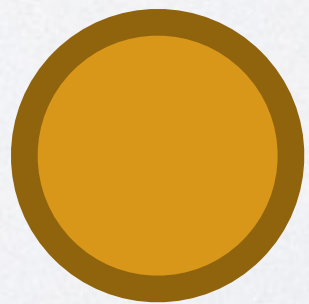
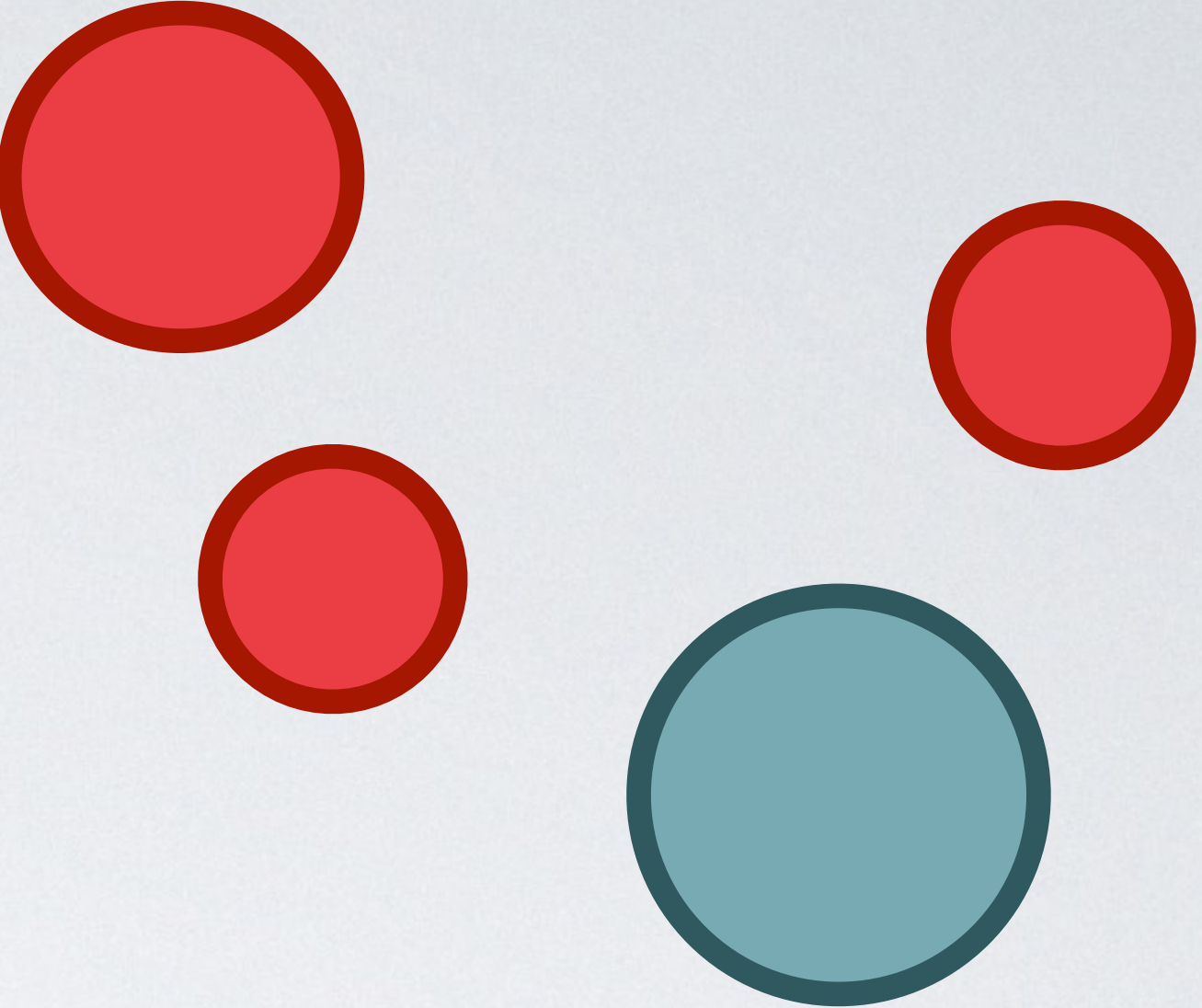




WHAT ARE THE
RELATIONSHIPS?

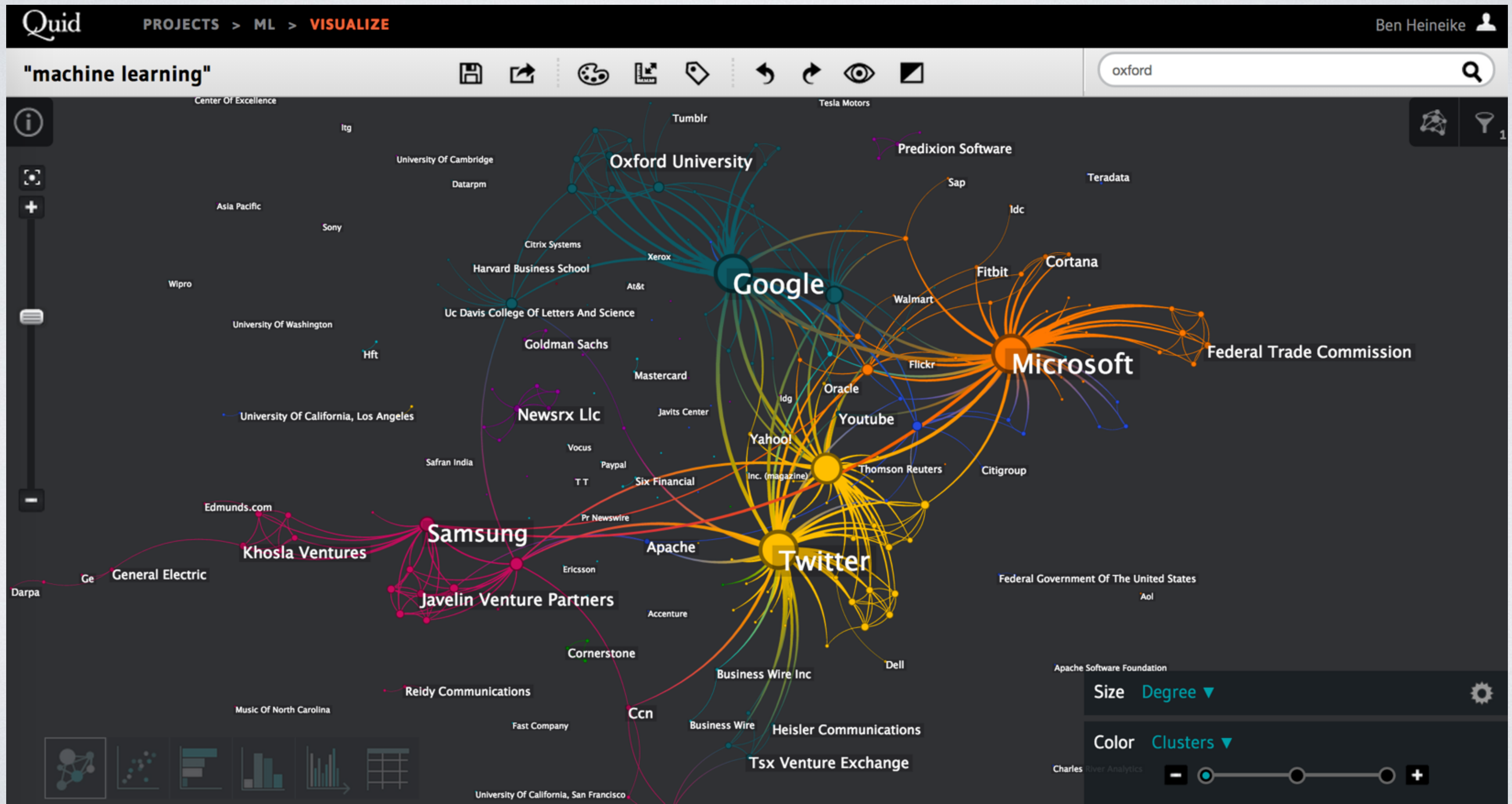


WHAT'S TRENDING?

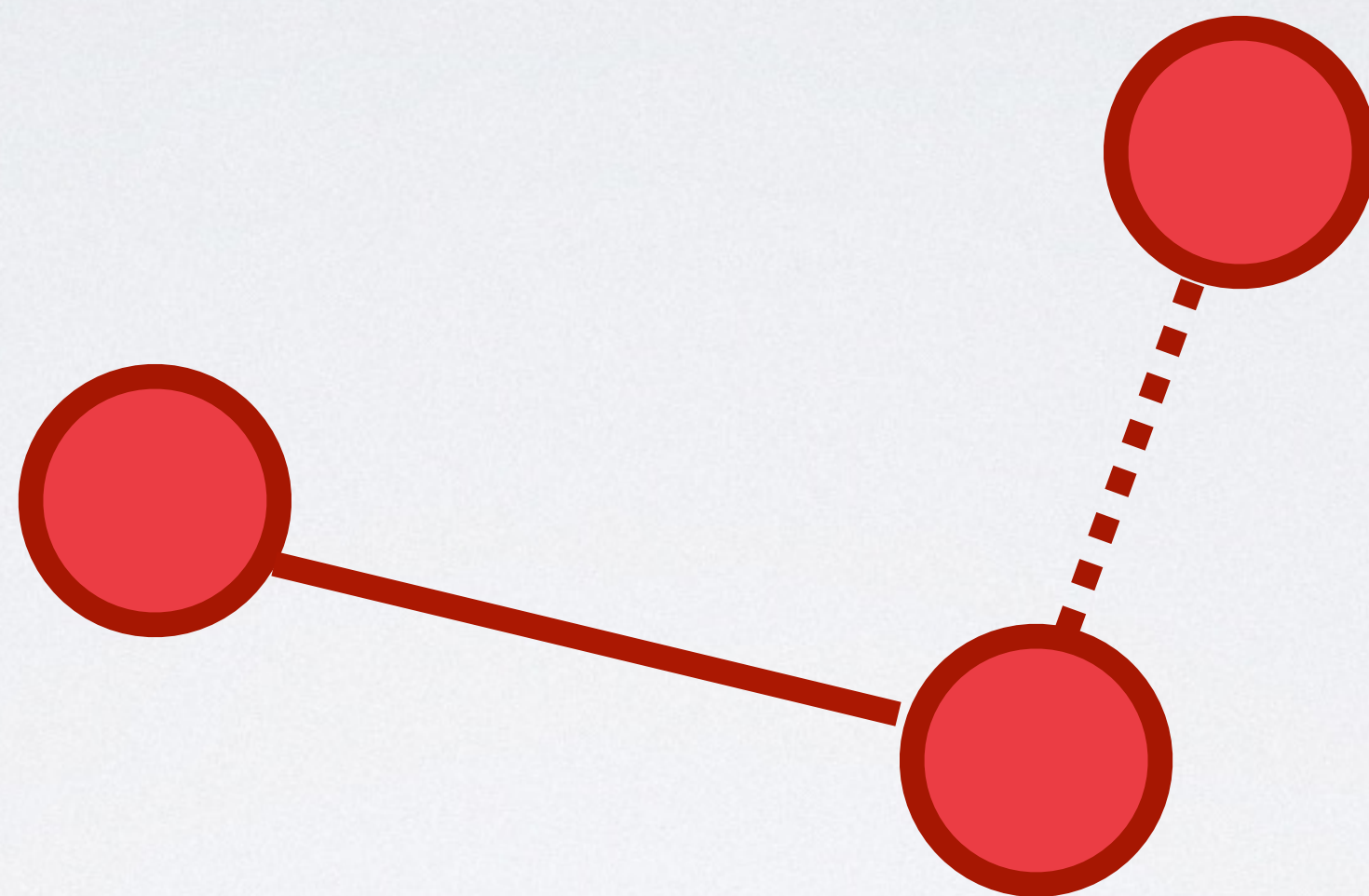


Organizations in Machine Learning News

Links if they are mentioned together



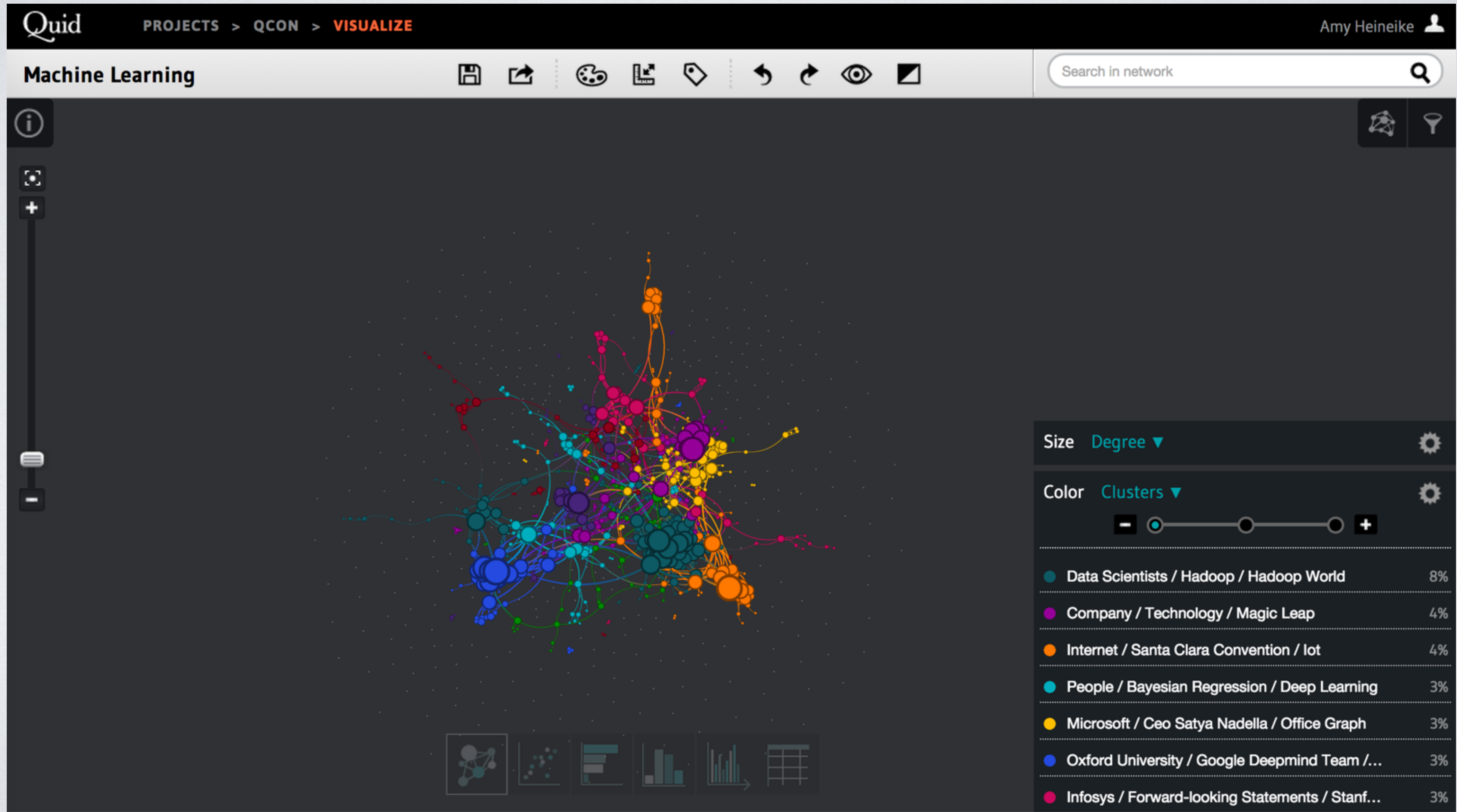
EXPLICIT CONNECTIONS

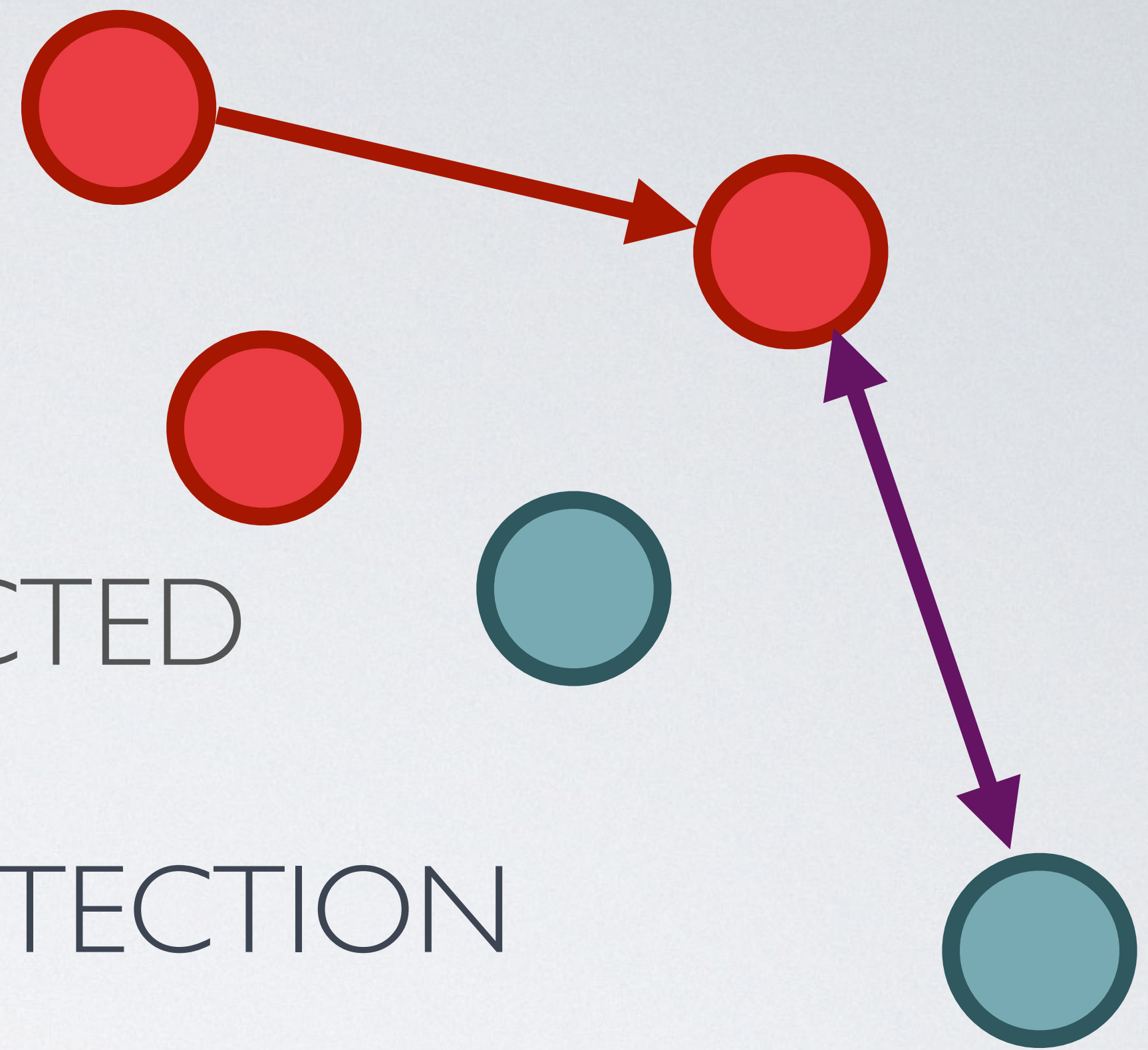


IMPLICIT SIMILARITY

Machine Learning News

16k articles ~ 1k unique

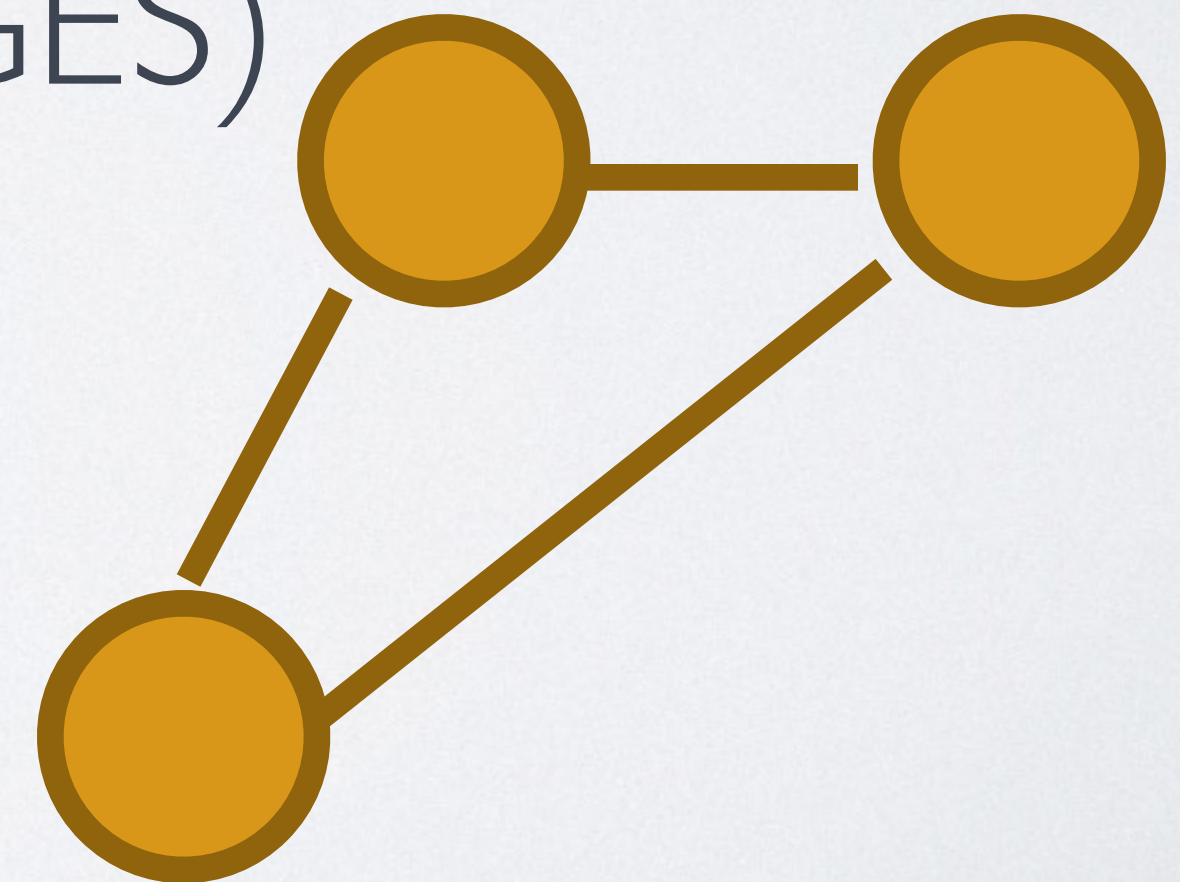




LAYOUT: FORCE DIRECTED

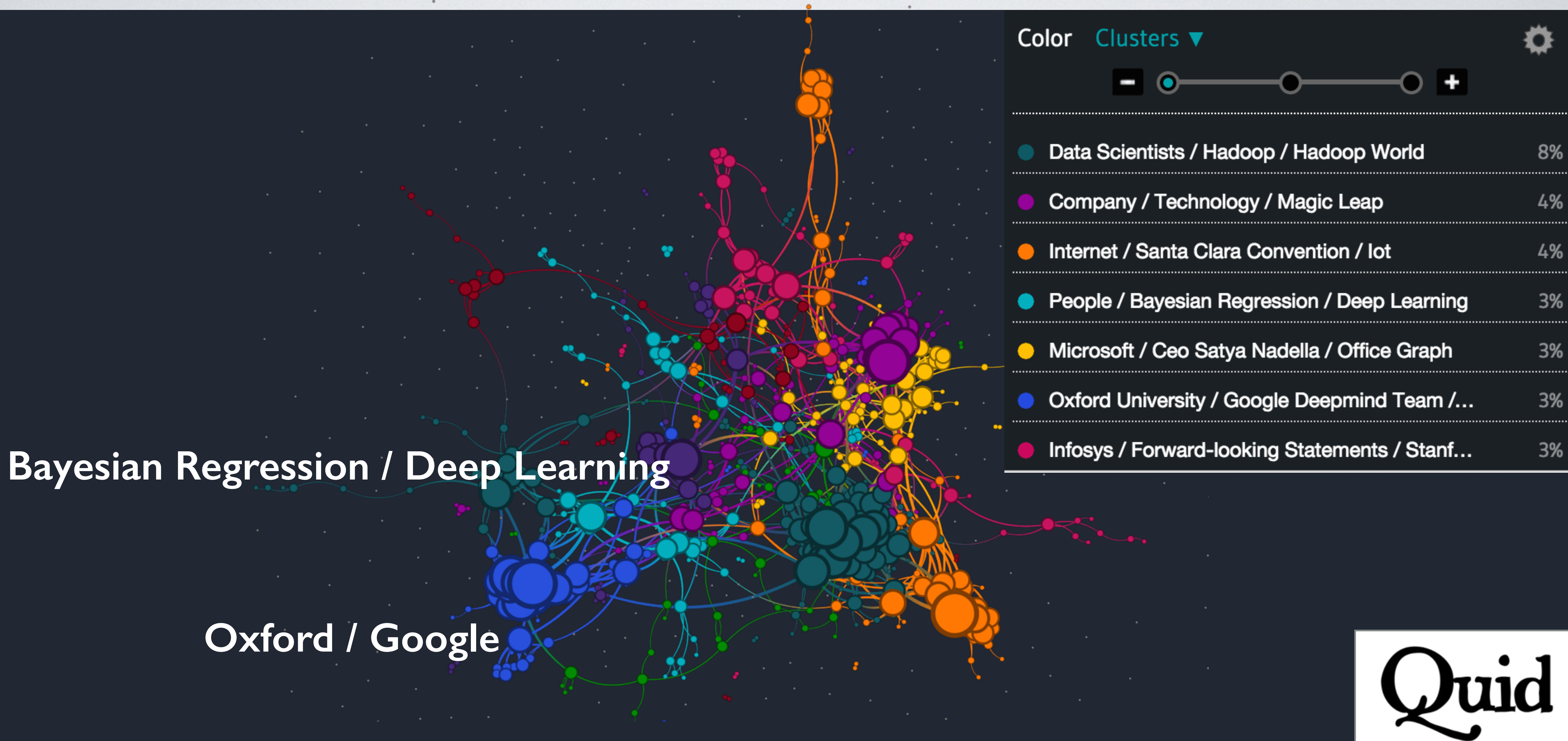
COLOUR: COMMUNITY DETECTION

SIZE: DEGREE (NUMBER OF EDGES)



Machine Learning News

16k articles ~ 1k unique



Machine Learning News
16k articles ~ 2k unique

Infosys collaborates with Stanford University

Infosys collaborates with Stanford University

Microsoft to buy Israeli text-analysis vendor Equivio: Report

Microsoft to buy Israeli text-analysis vendor Equivio: Report

Start-up Corner: Microsoft to buy Equivio for \$200 million say reports - but why?

**IIT Kharagpur, IIT Bombay, BITS Pilani
join IBM's global academic initiative**

IIT Kharagpur, IIT Bombay, BITS Pilani join IBM's global academic initiative

**Microsoft adds real-time analytics for
Hadoop to Azure**

Microsoft adds real-time analytics for Hadoop to Azure

Google teams with Oxford for more human-like robots

**Google teams up with Oxford for more
human-like robots**

@ThingsExpo | Making Sense of #IoT Data [by @MadGreek65]

Quid

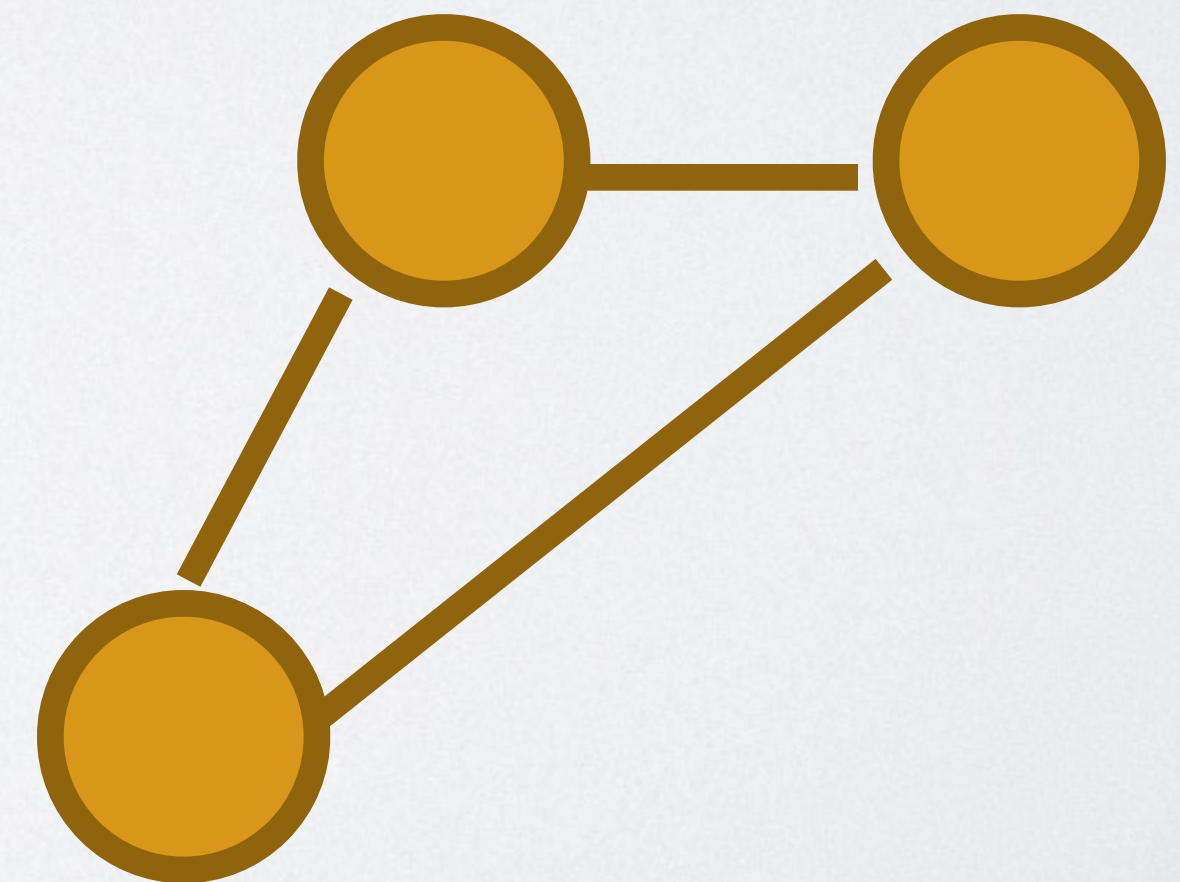
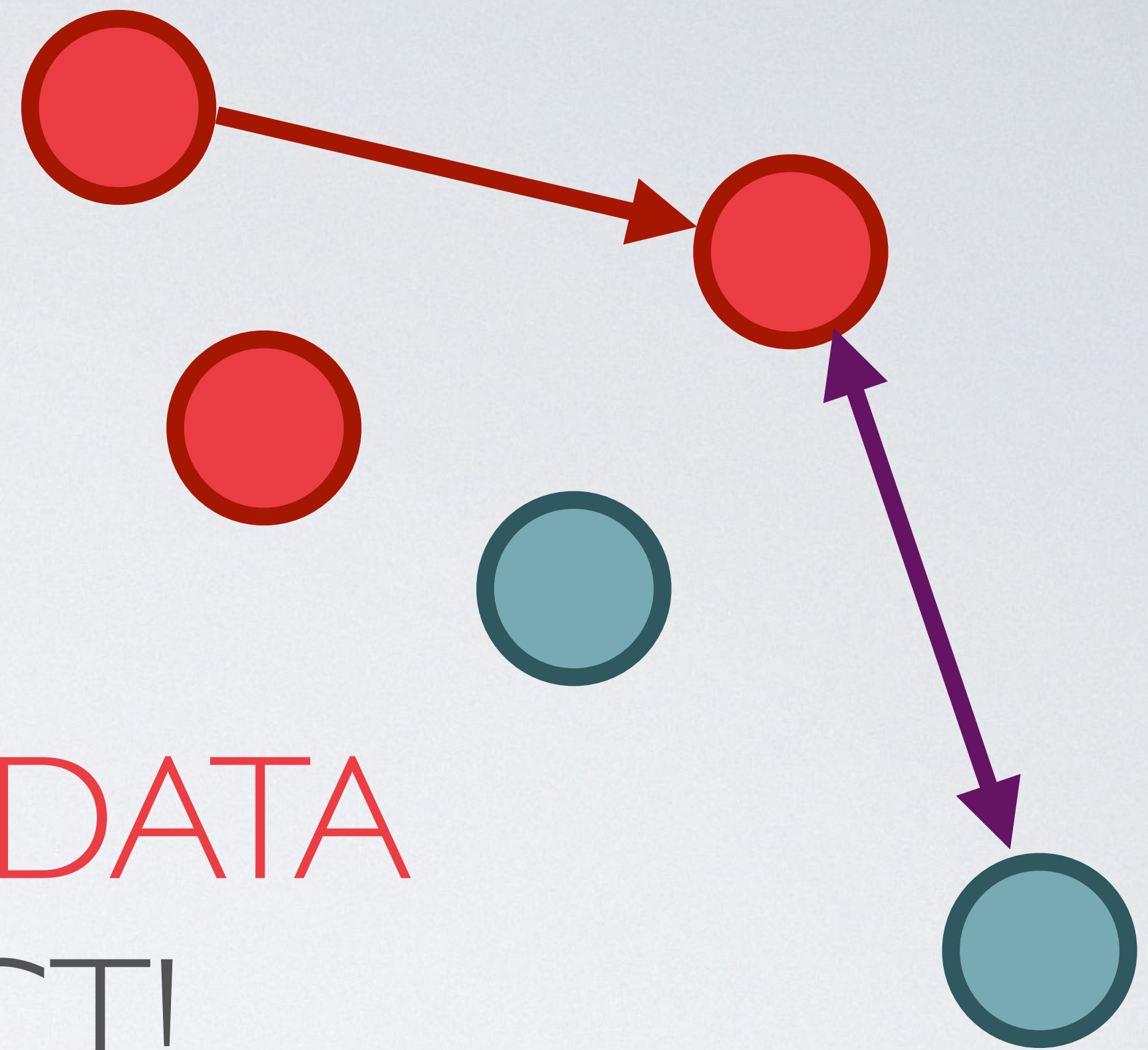
Machine Learning News
16k articles ~ 2k unique

Facebook Fights Spammers,
Winds \$2 Billion from Lawsuits

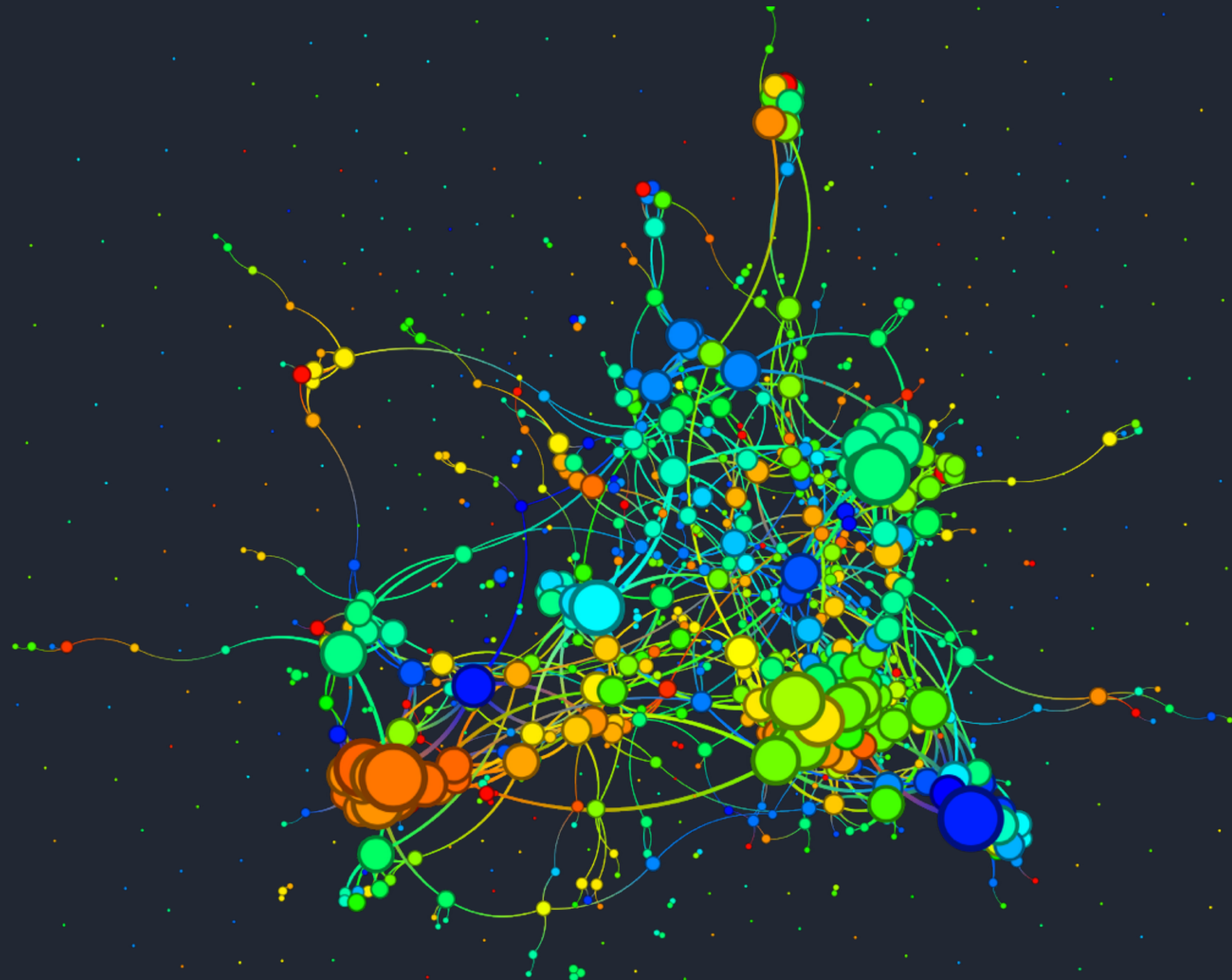
Smarter algorithms will Power
Our Future Digital Lives



ADD METADATA
INTERACT!



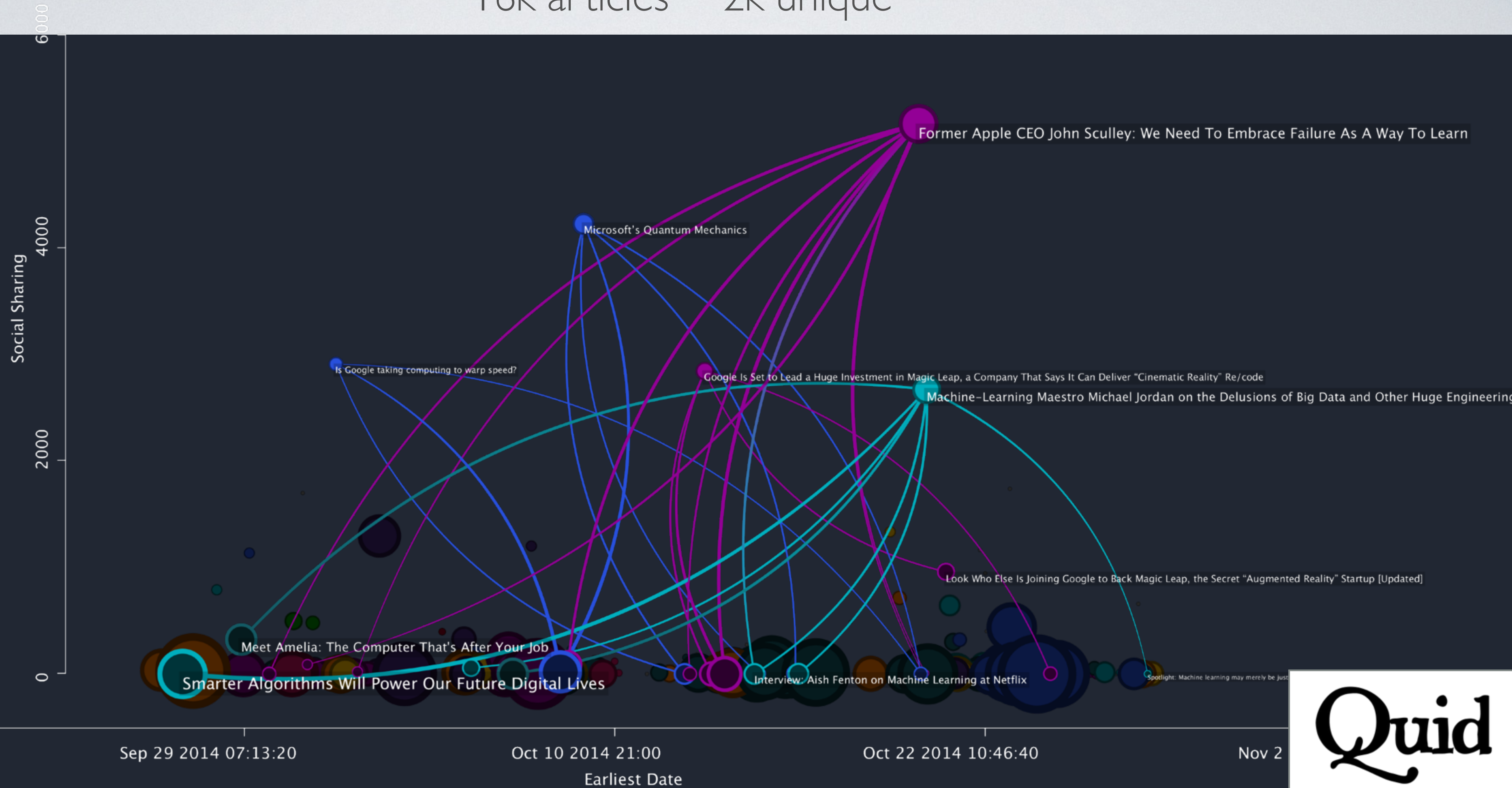
Machine Learning News
16k articles ~ 1k unique



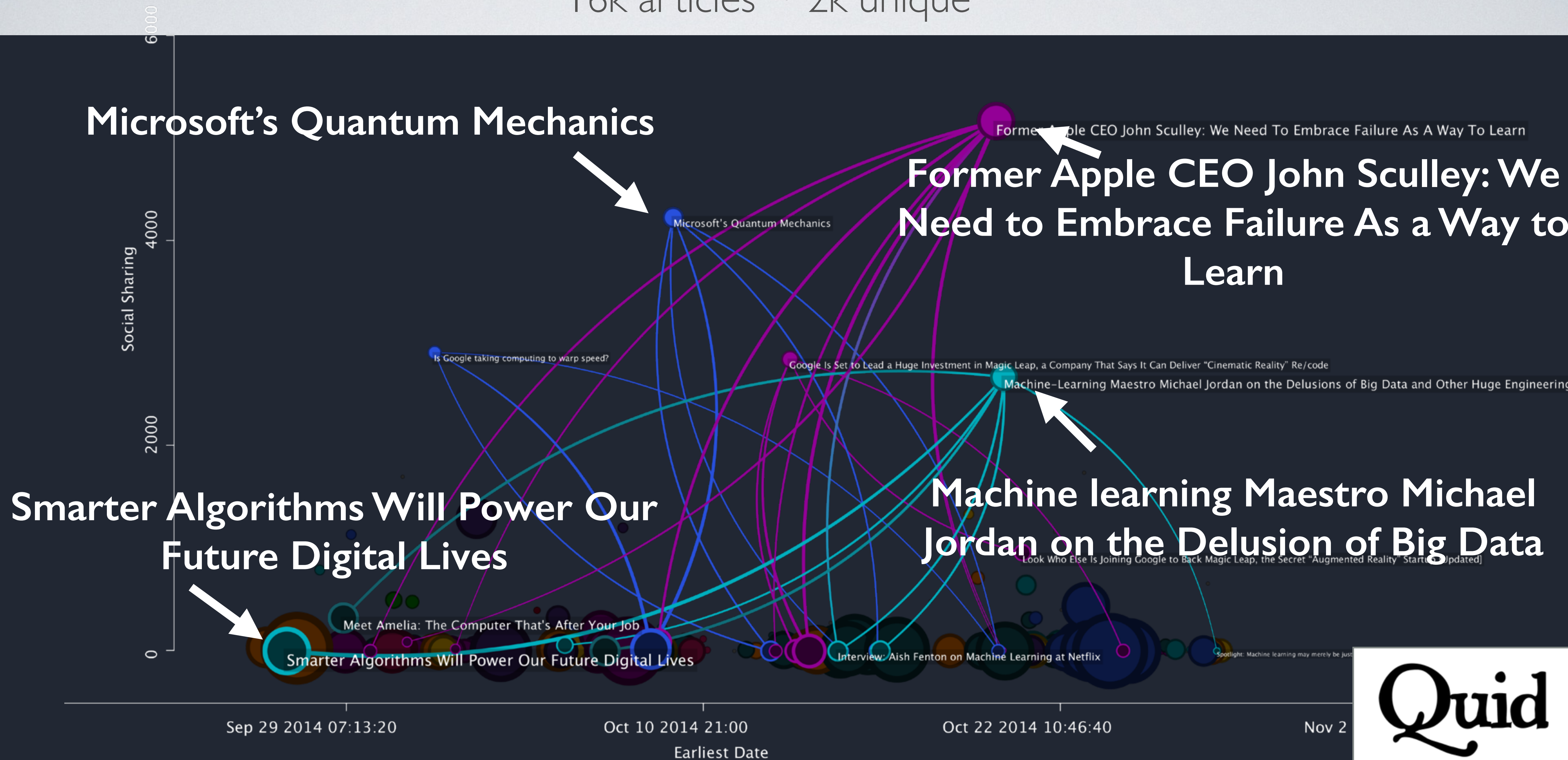
Quid

Machine Learning News

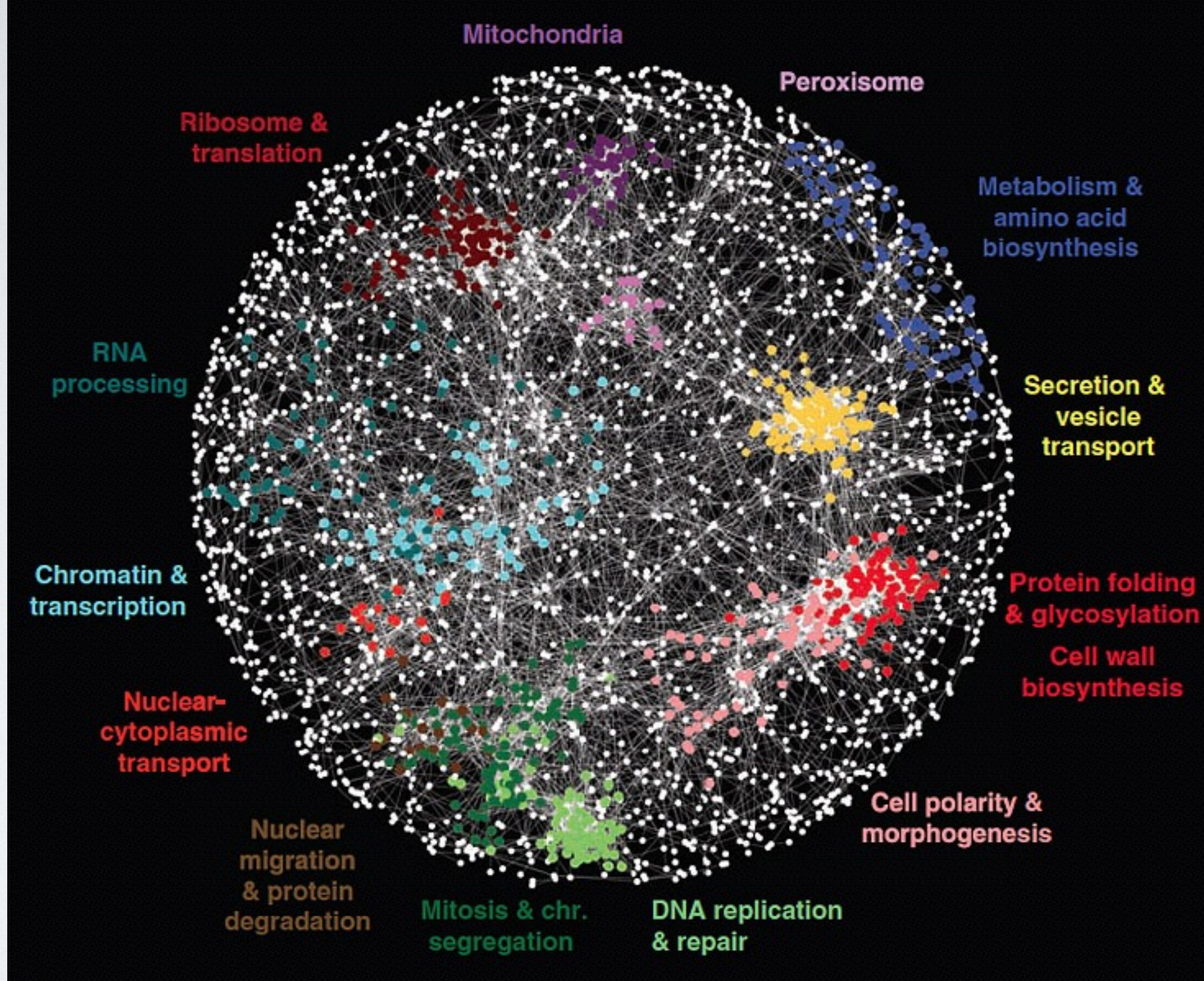
16k articles ~ 2k unique



Machine Learning News
16k articles ~ 2k unique



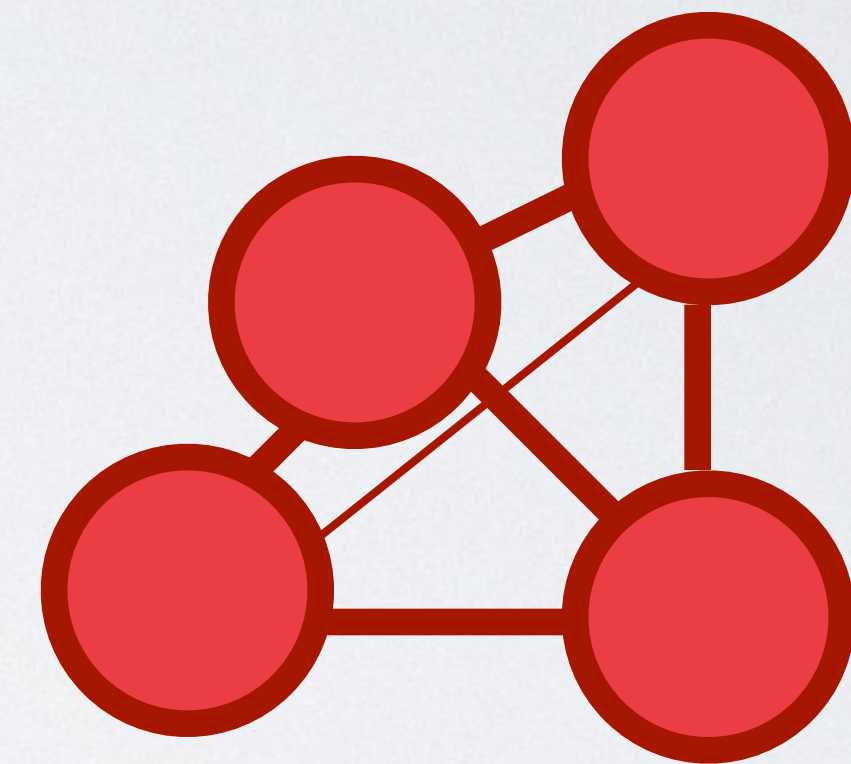
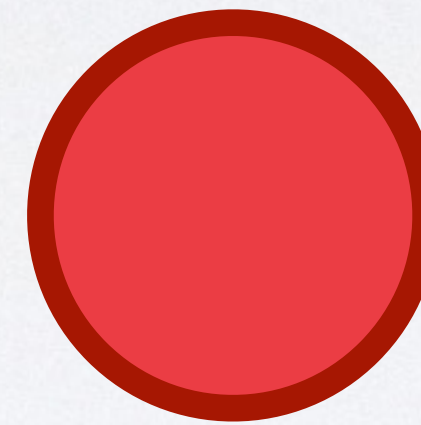
AVOID HAIRBALLS



From Costanzo et al. 2010. Science 327:425–431

Refine your search

Try different layout algorithms



Remove the weakest | Remove what dominates | Filter weak edges

Net Neutrality Comments

Quid + Knight Foundation for NPR

>3.7M Comments

Federal Communications Commission

The FCC | Our Work | Tools & Data | Business & Licensing | Bureaus & Offices

Search

Take Action | Comment, Complain, Discuss | Transition.FCC.gov

Home / Send Us Your Comments

Send Us Your Comments

To file a comment of up to several paragraphs, click on one of the proceedings listed below. To file a longer comment as an attachment, click on submit a filing and include the docket number of the proceeding both on the form and on the attachment.

If the proceeding you are looking for is not listed, you can go to ECFS and enter the proceeding number.

NOTE: The filing you are making is a public filing. Any information that you submit will be available to the general public.

Proceeding #	Title	Filings in Last 30 Days
14-57	Applications of Comcast Corporation and Time Warner Cable Inc. for Consent to Assign or Transfer Control of Licenses and Applications	43898
14-28	Protecting and Promoting the Open Internet	17019
14-90	AT&T- DIRECTV Consent to the Transfer of Licenses	8847
10-127	In the Matter of Framework for Broadband Internet Service.	1140
10-90	In the Matter of Connect America Fund A National Broadband Plan for Our Future High-Cost Universal Service Support. .	161
14-116	Electric Power Board of Chattanooga, Tennessee	119

ECFS Expert

LEARN MORE >

Search Public Comments

Search Proceeding Comments.

FIND COMMENTS >

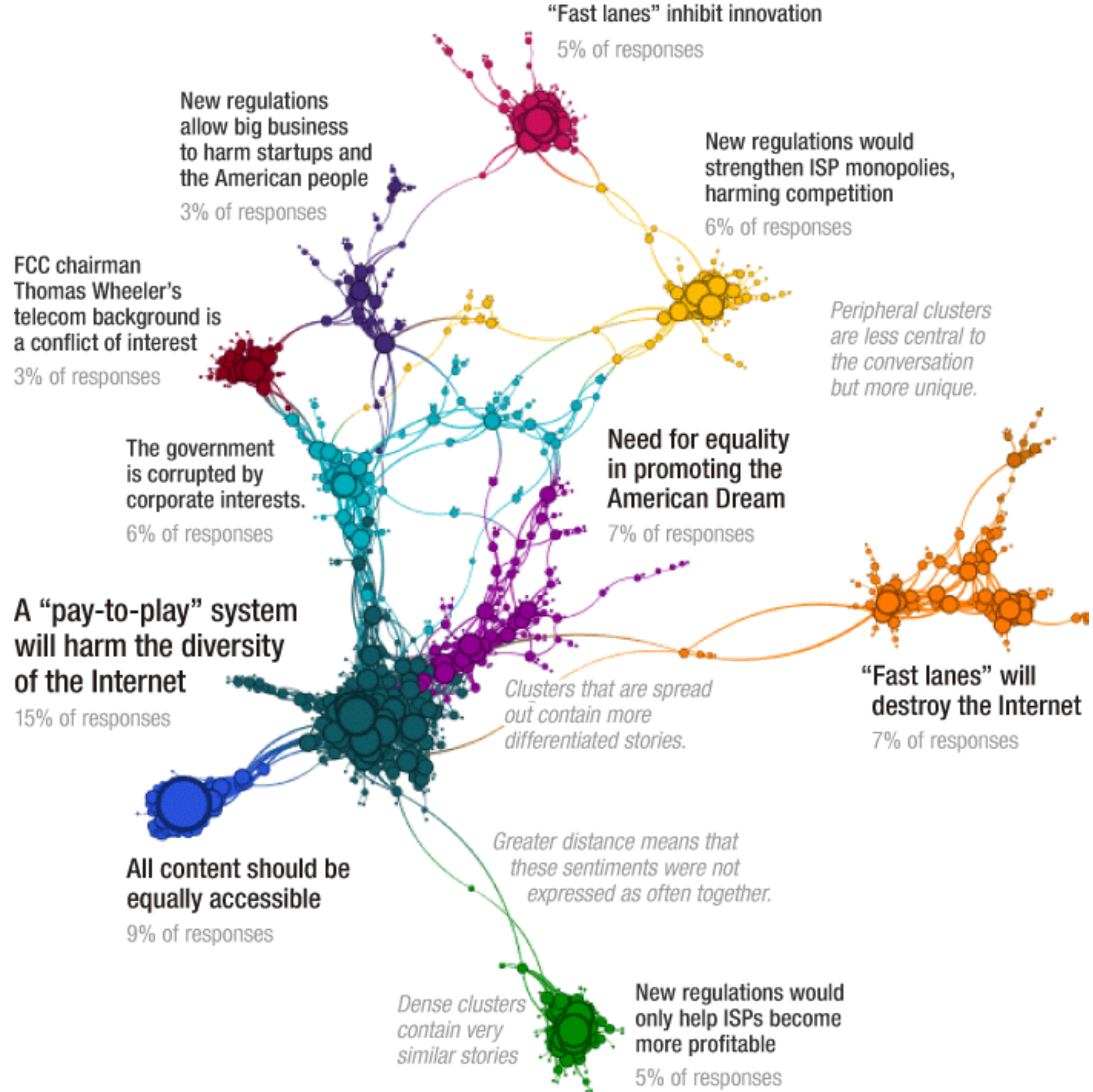
Help

Get help and answers for your common needs.

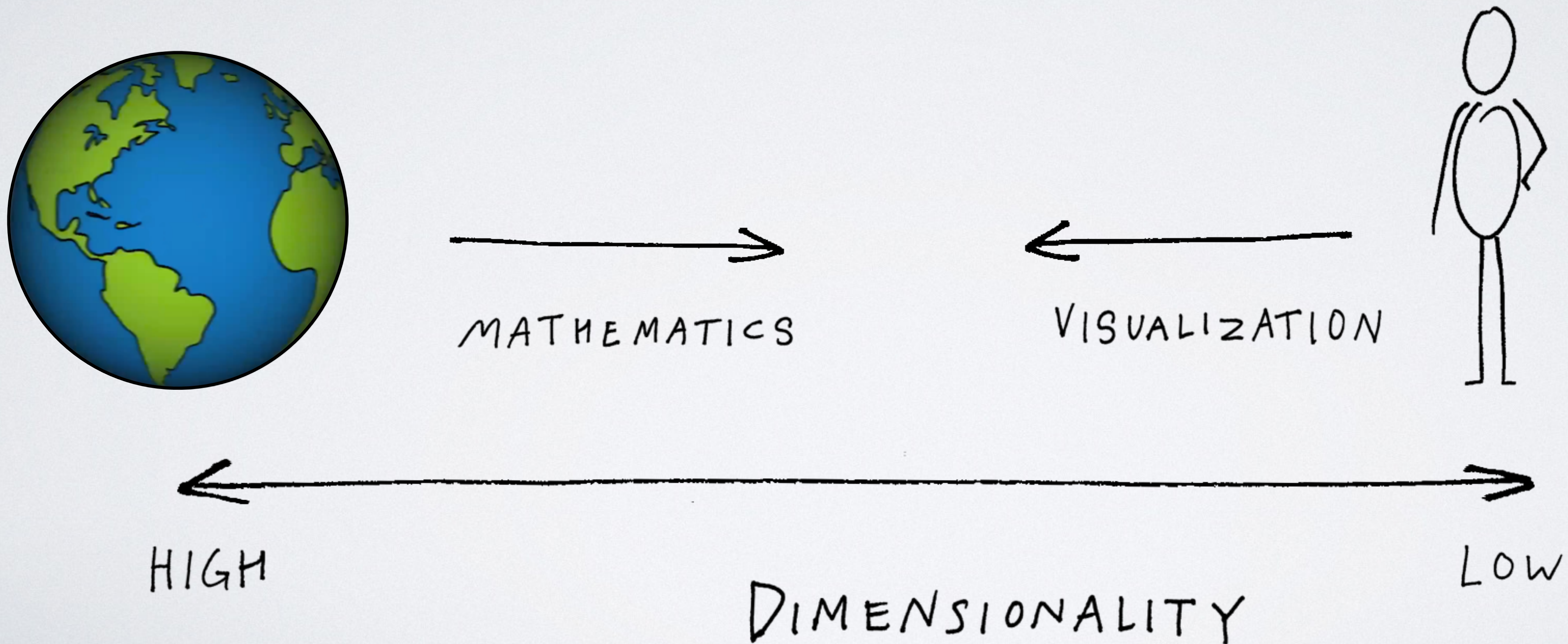




Filter Bubbles: What the internet is hiding from you, Eli Pariser 2011



AUGMENTED INTELLIGENCE



Quid



Gephi

The logo for Gephi features a stylized, calligraphic "G" followed by the word "ephi" in a serif font.

NODEXL

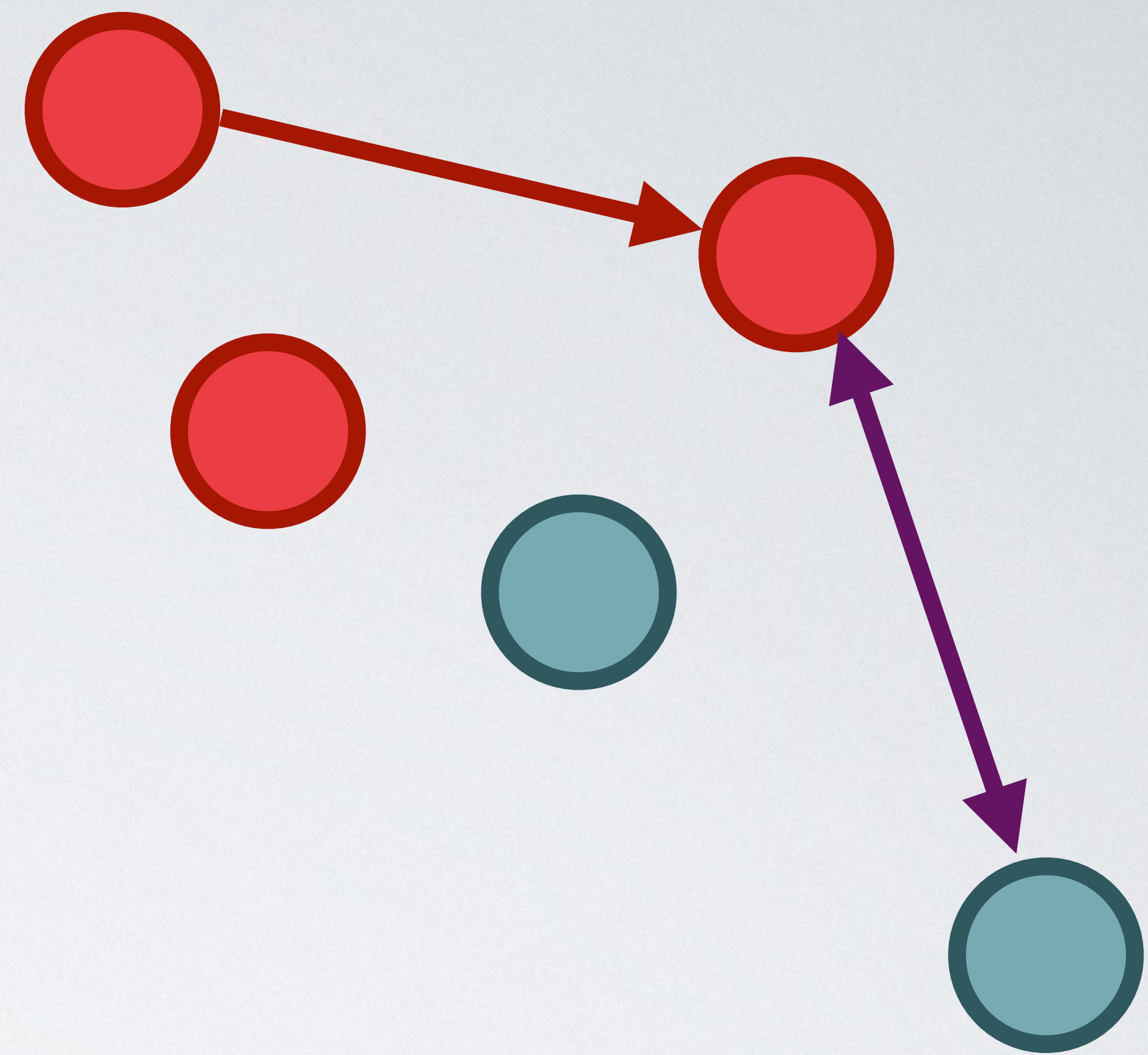
The logo for NODEXL features the word "NODEXL" in a grey, sans-serif font, with the letter "O" replaced by a red, textured sphere.

NetworkX

The logo for NetworkX features the word "NetworkX" in a grey, sans-serif font, with the letter "X" in a larger, bold font.

Remember:

- Layout
- Run Community detection
- Add Metadata + Interact
- Avoid Hairballs



Amy Heineike

@aheineike