

GitHub

git.io/vWatB

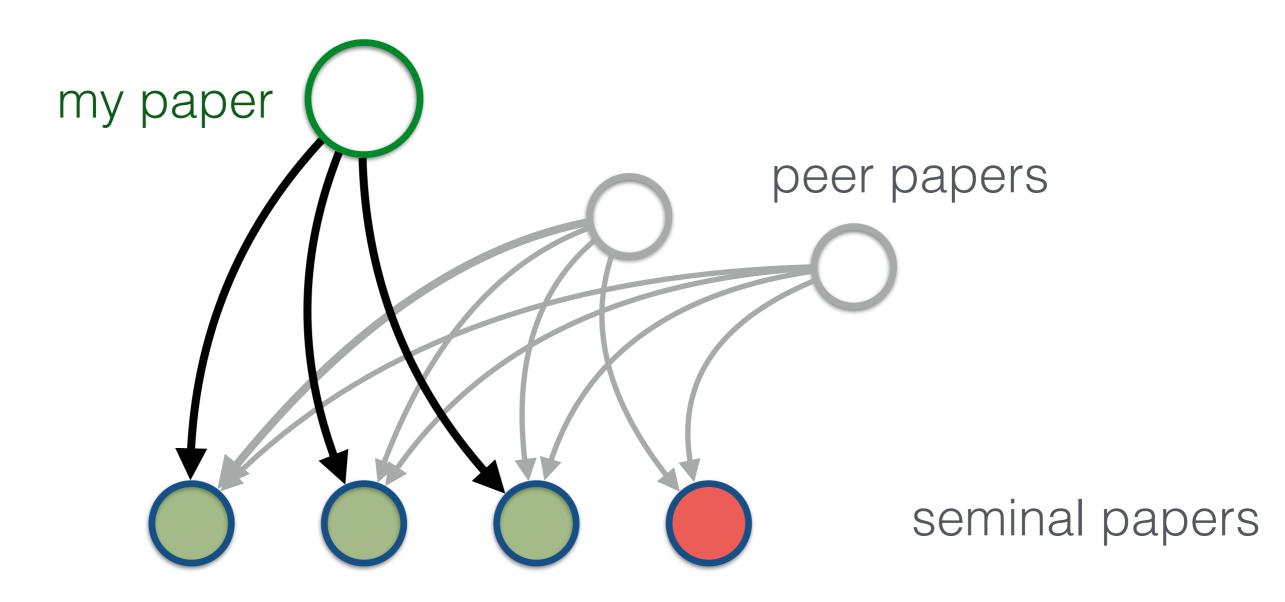
CITEINAP COLLABORATIVE FILTERING

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The Problem



papers that I cited forgot to cite

The Data Set



Open access literature database for high energy physics

Clean: Remove empty data, incomplete data (old papers)

Make tractable: only take papers after 2000

~ 500,000 entries

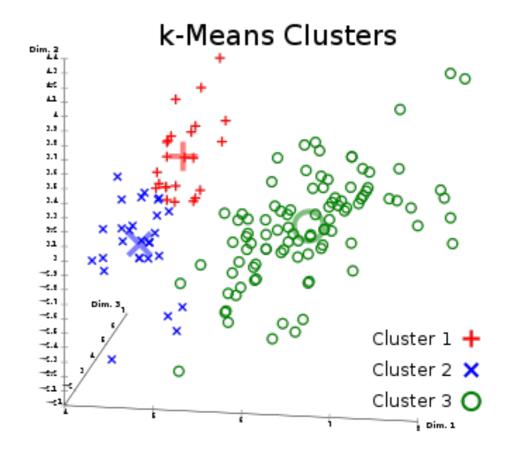
Technique

Using Peer Papers RULES-BASED

peer papers

Bag of Words

K-MEANS CLUSTERING



Wikimedia, Chire, *k-means*

Possible Directions

In Vivo testing with academics

PubMed/CiteSeerx dataset

FullText Analysis

PARTIAL DATASET: bit.ly/IRvuK4F

Heroku web service Run on Spark





... and continue to spread & hack SCIENCE HACK DAY

thanks everyone!