

A Brief Introduction to Topic Modeling

Spencer Greenhalgh

Introductions

Introductions!

name

where you're from (academically)

background in...

DH

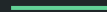
programming

text analysis

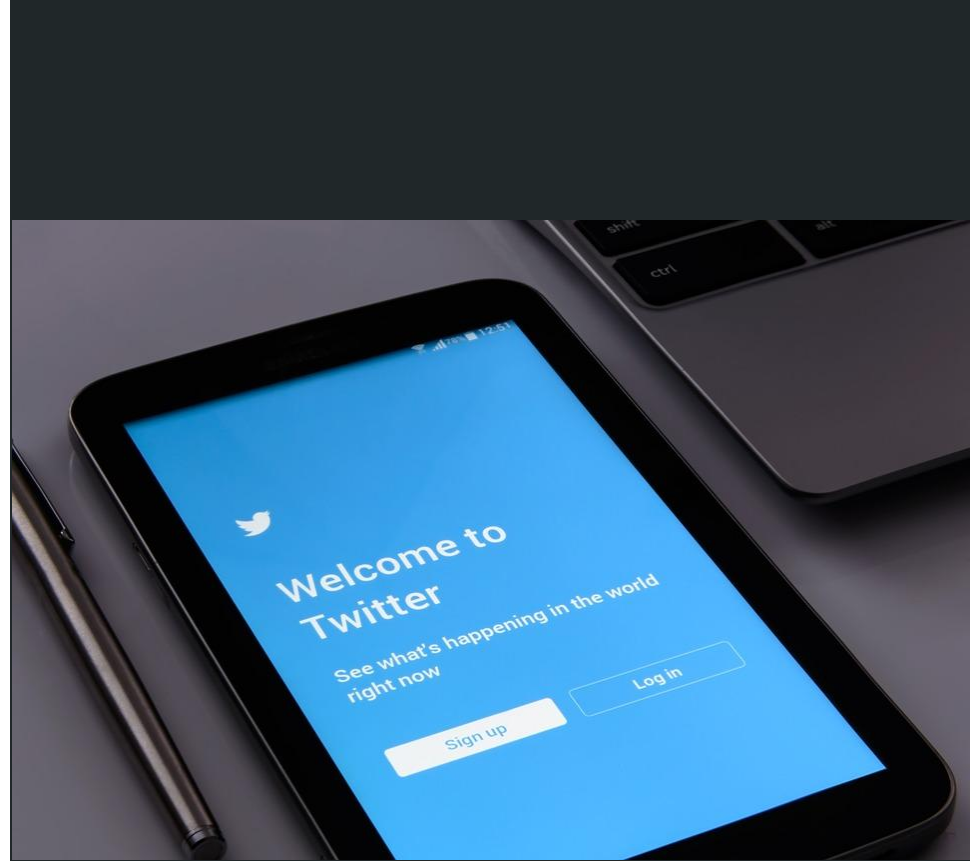
topic modeling

what's your goal?

Introductions!



Introductions!



Introductions!

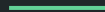
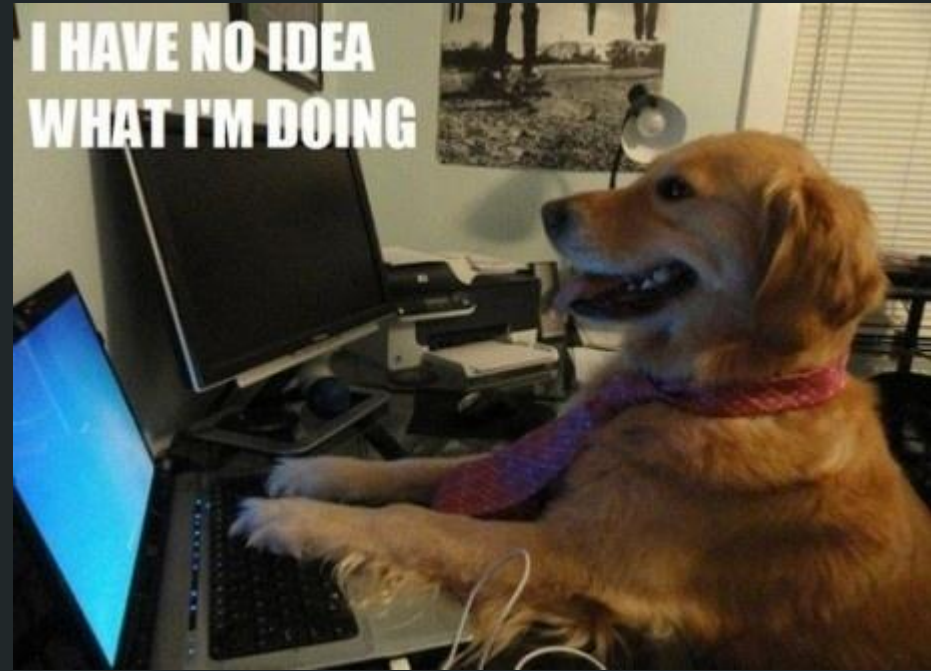


HILT

HUMANITIES INTENSIVE LEARNING
AND TEACHING



Introductions!



Introductions!



Introductions!

Quantitative Methods in the Humanities
and Social Sciences

Matthew L. Jockers

Text Analysis with
R for Students of
Literature

The Plan

The Plan

some background

tinker with some code

`#ldsconf`

data of choice

talk about next steps

Background

Background

topic

document

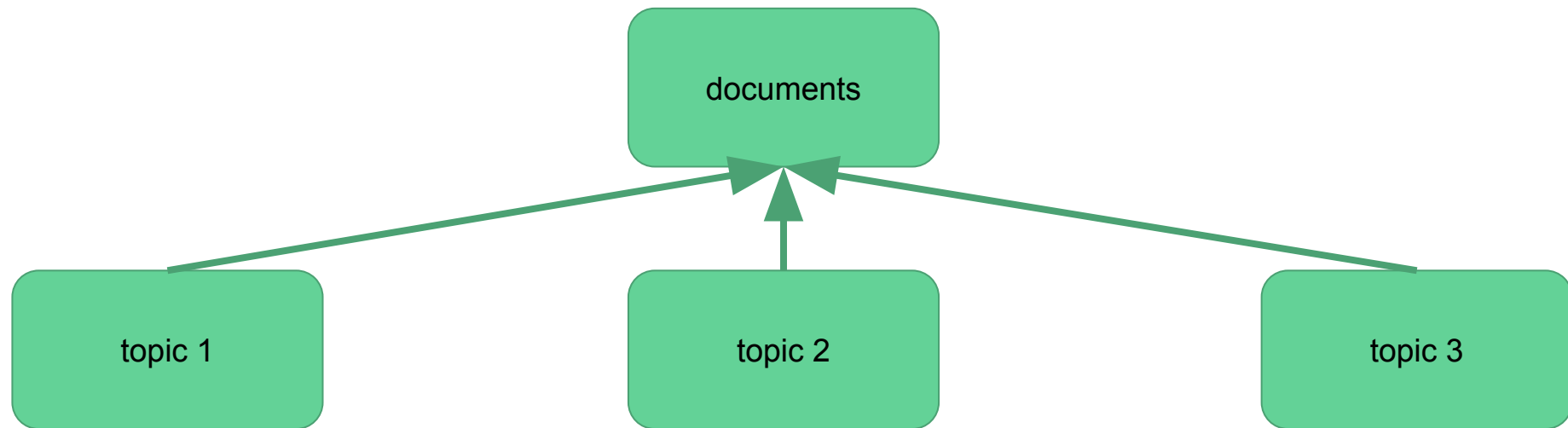


Background

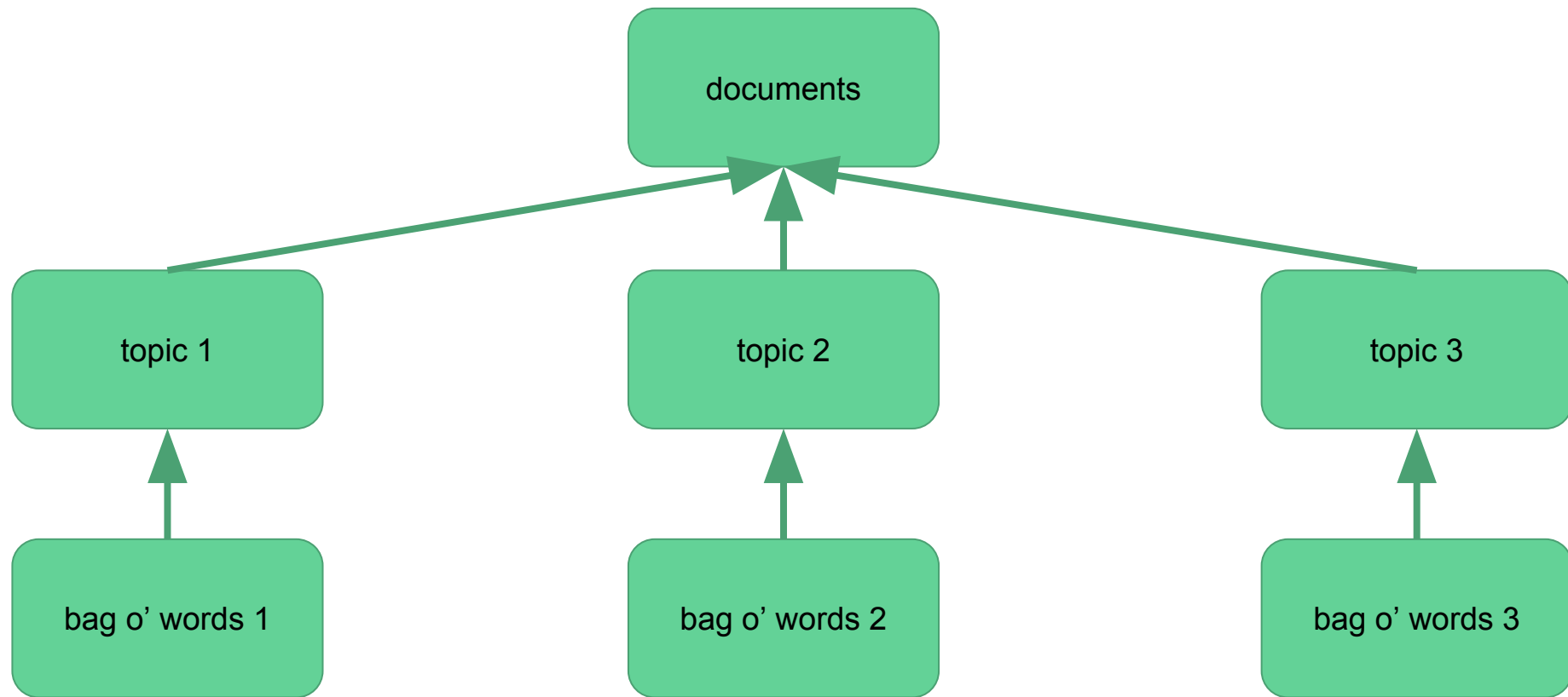


documents

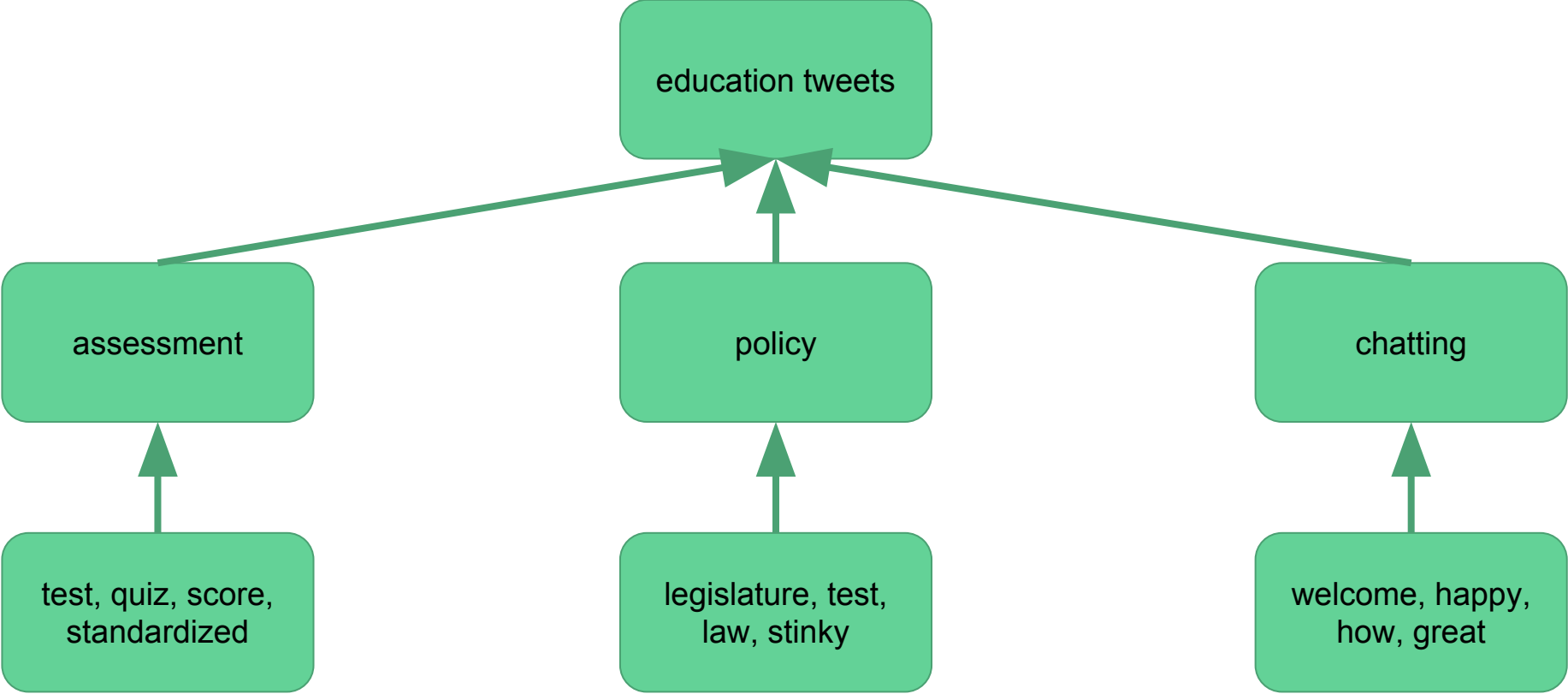
Background



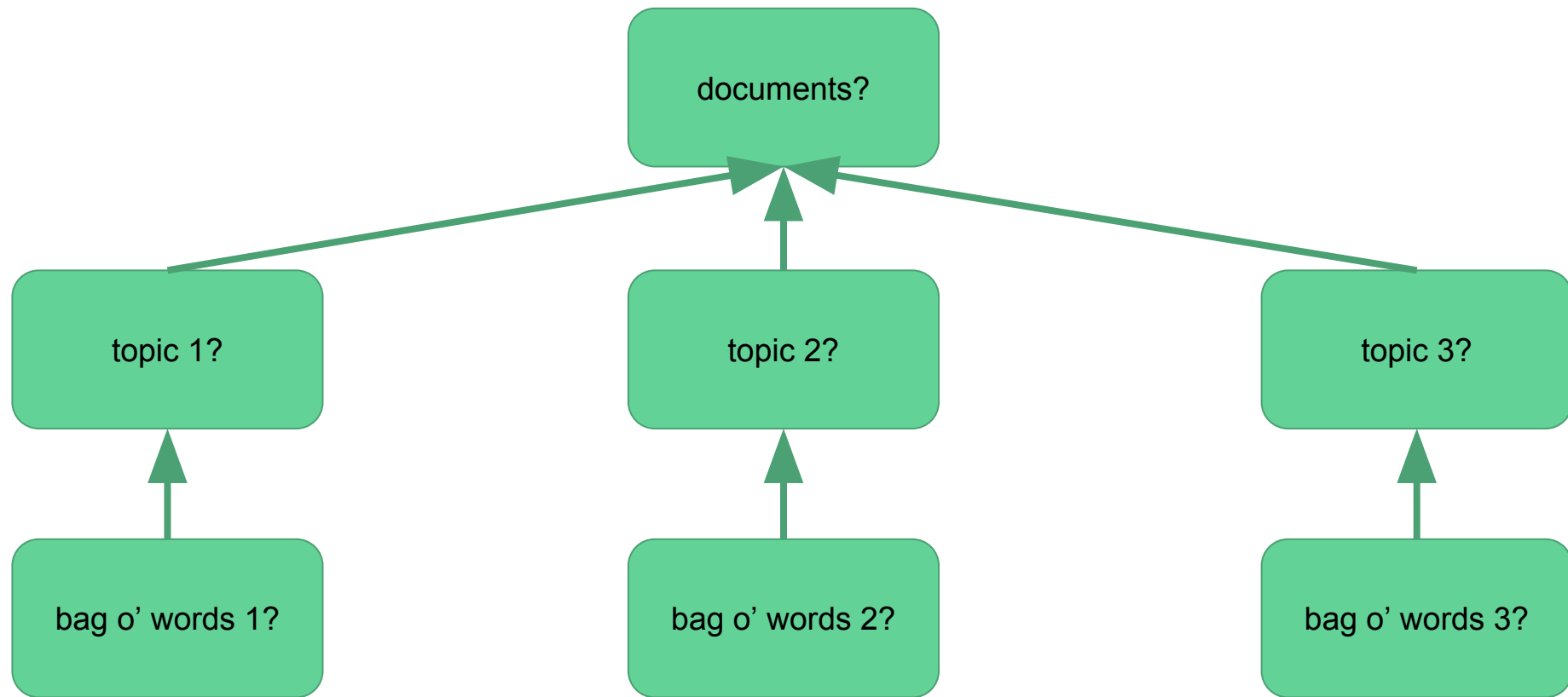
Background



Background



Background



Background

reverse engineering this process

look for patterns of co-occurring
words

how?

David Mimno: [Topic Modeling
Workshop: Mimno](#)

Ted Underwood: [Topic
modeling made just simple
enough](#)

Tinkering

Tinkering

lecture = :(

Tinkering

tinyurl.com/spgtmworkshop

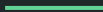
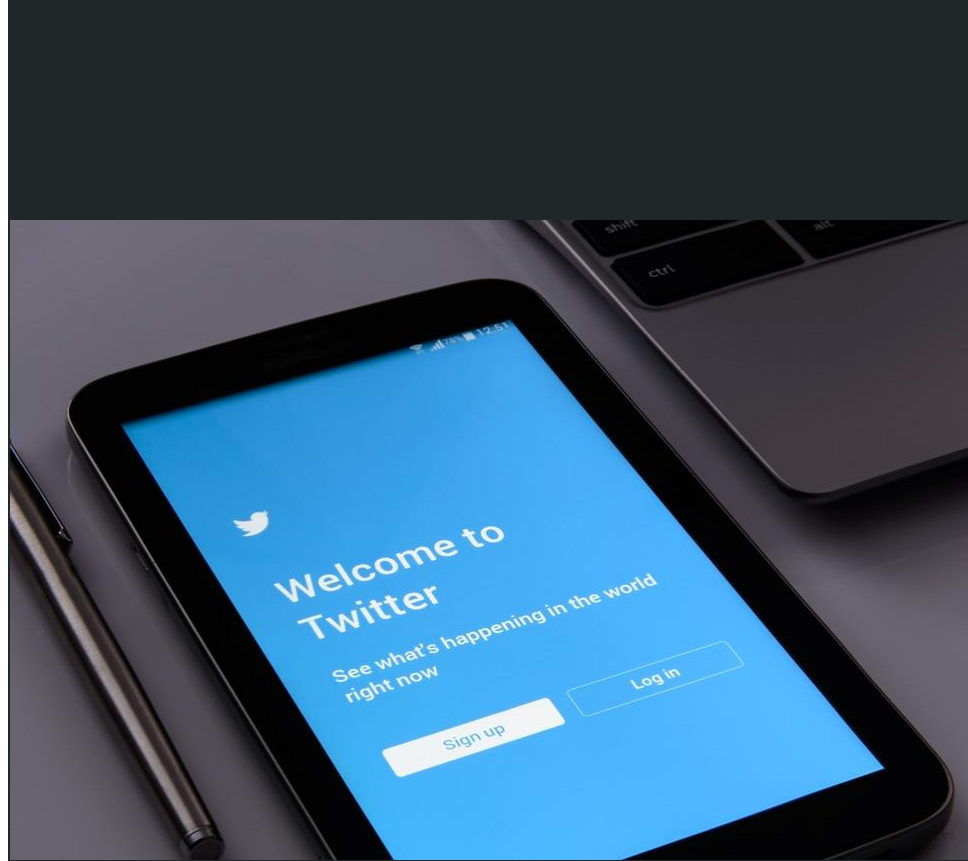
blurb on “comments”

groups of 2-3

Tinkering



Tinkering



Tinkering

#ldsconf

State Educational Twitter
Hashtags (~300k)

#seriousacademic (~3k)

Tinkering

