

Final Project Proposal

1) Team members

Joel Kopp (joelk2)

2) Chosen paper

Subtopic – Contextual text mining

Paper – “A mixture model for contextual text mining”

Experiment – Temporal-Author-Topic analysis

3) Programming language

Python

4) Datasets

The dataset will be comprised of abstracts from 2 authors with substantial works that span a large-enough time frame. The abstracts will be scraped from profiles in the ACM Digital Library, similar to the experiment in the paper itself. A sample abstract can be found here: <https://dl.acm.org/doi/10.1145/3410992.3410995>.