

Recommender Systems: Yelp Reviews/Ratings

Paul Lim

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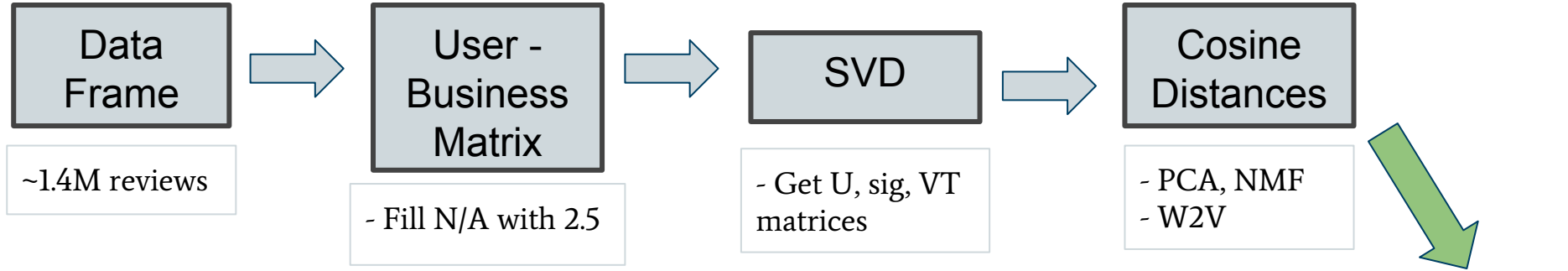
Objective

Best place to go?

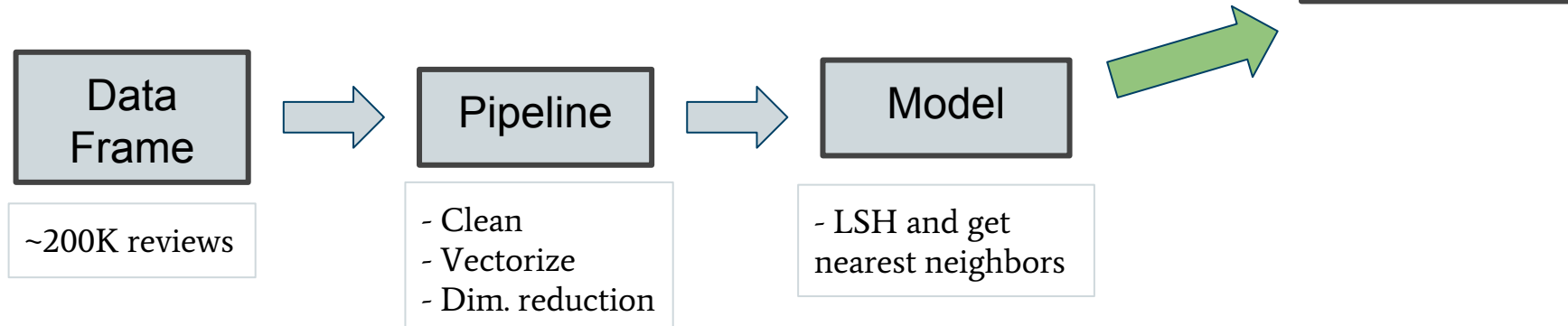
- Build a recommender system from Yelp reviews
 - No more going to a cafe with no wifi or no plugs

Approach

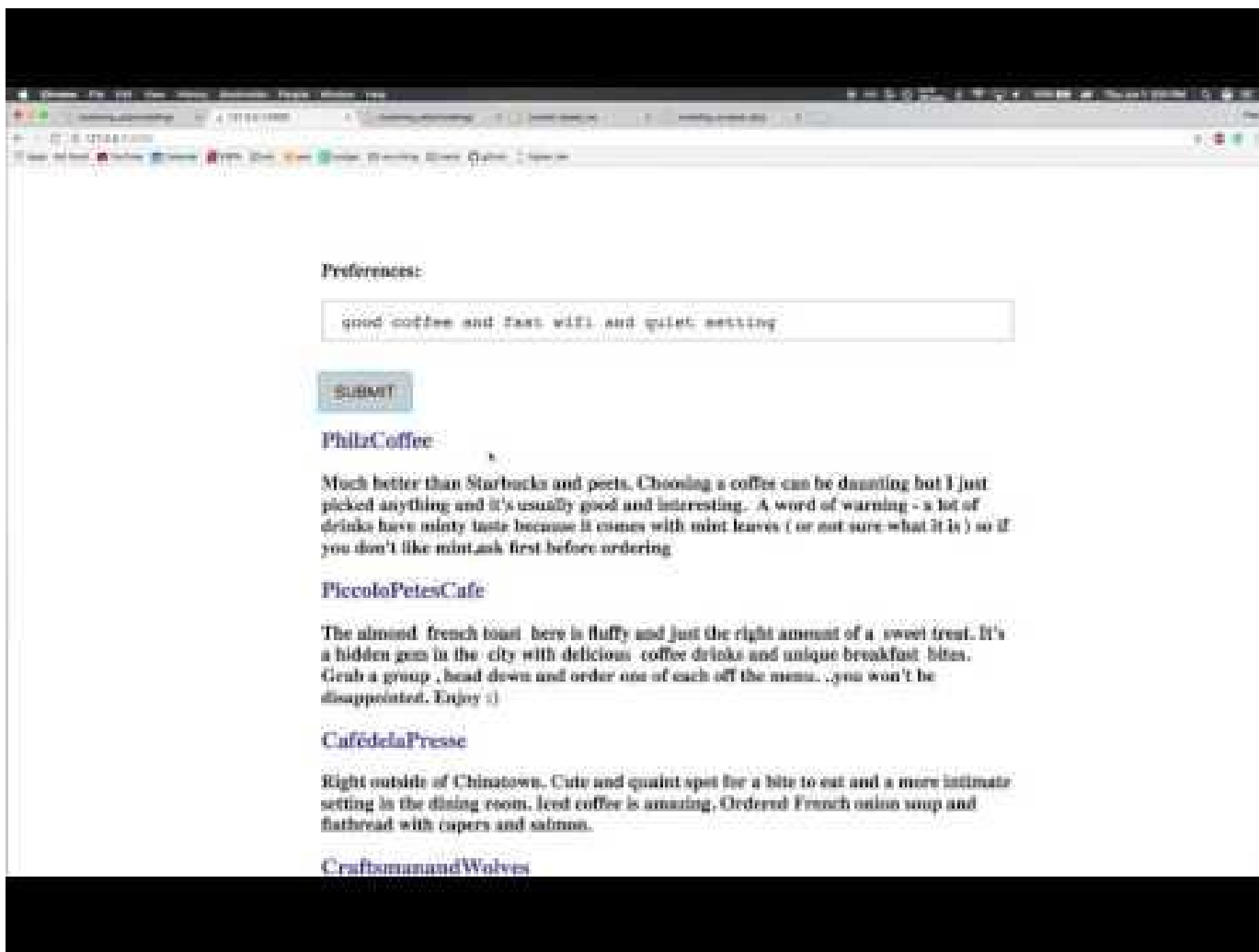
Collaborative-Filter Recommender System

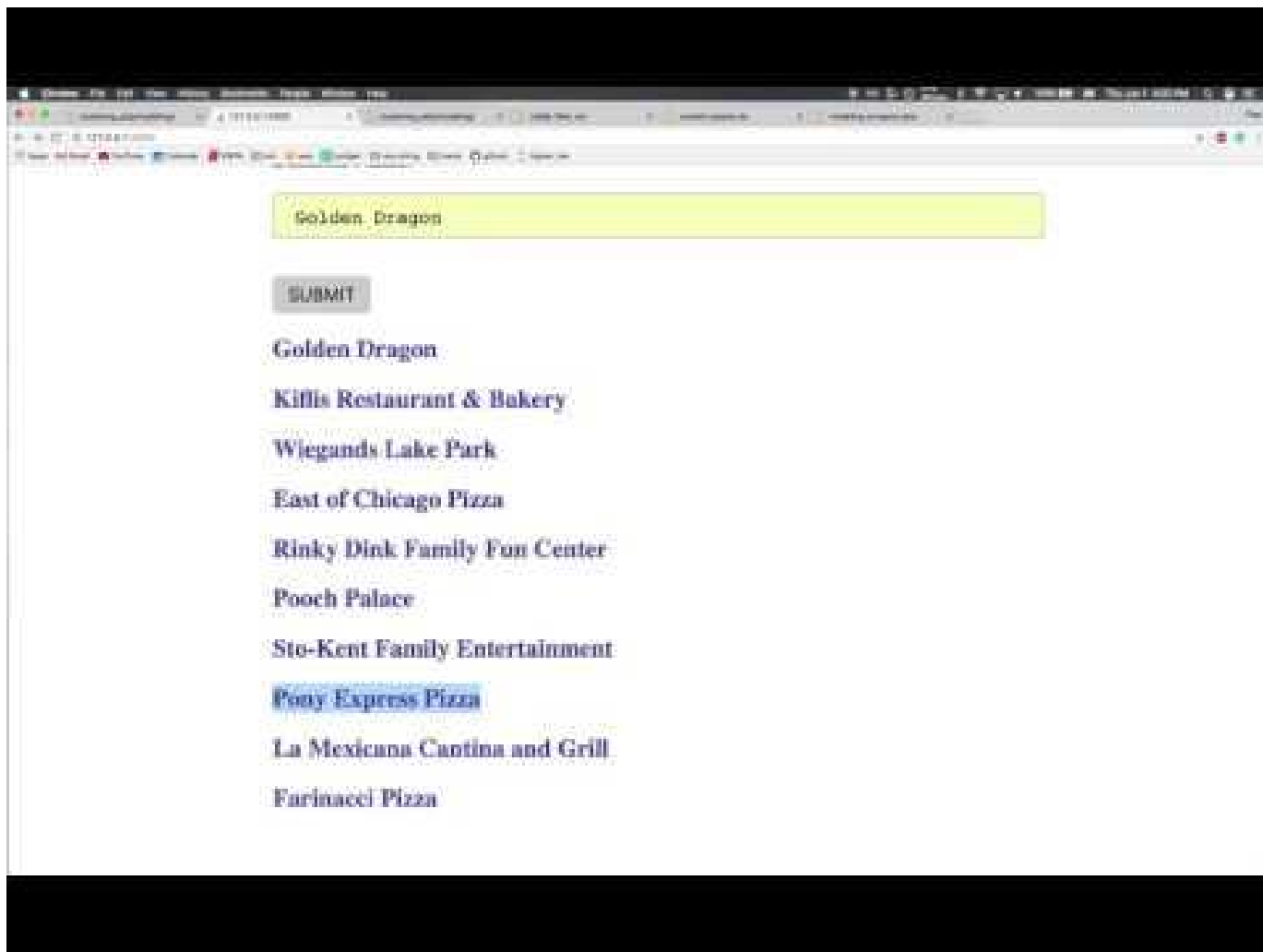


Content-Based Recommender System



Flask App





Next Steps

What next?

1. Memory issues... try distributing data over a cluster on Spark.
2. Get more data!!
 - Currently data only for cafes in SF and businesses in OH.

Appendix

2 Component PCA

