YU Torah Online Recommender System

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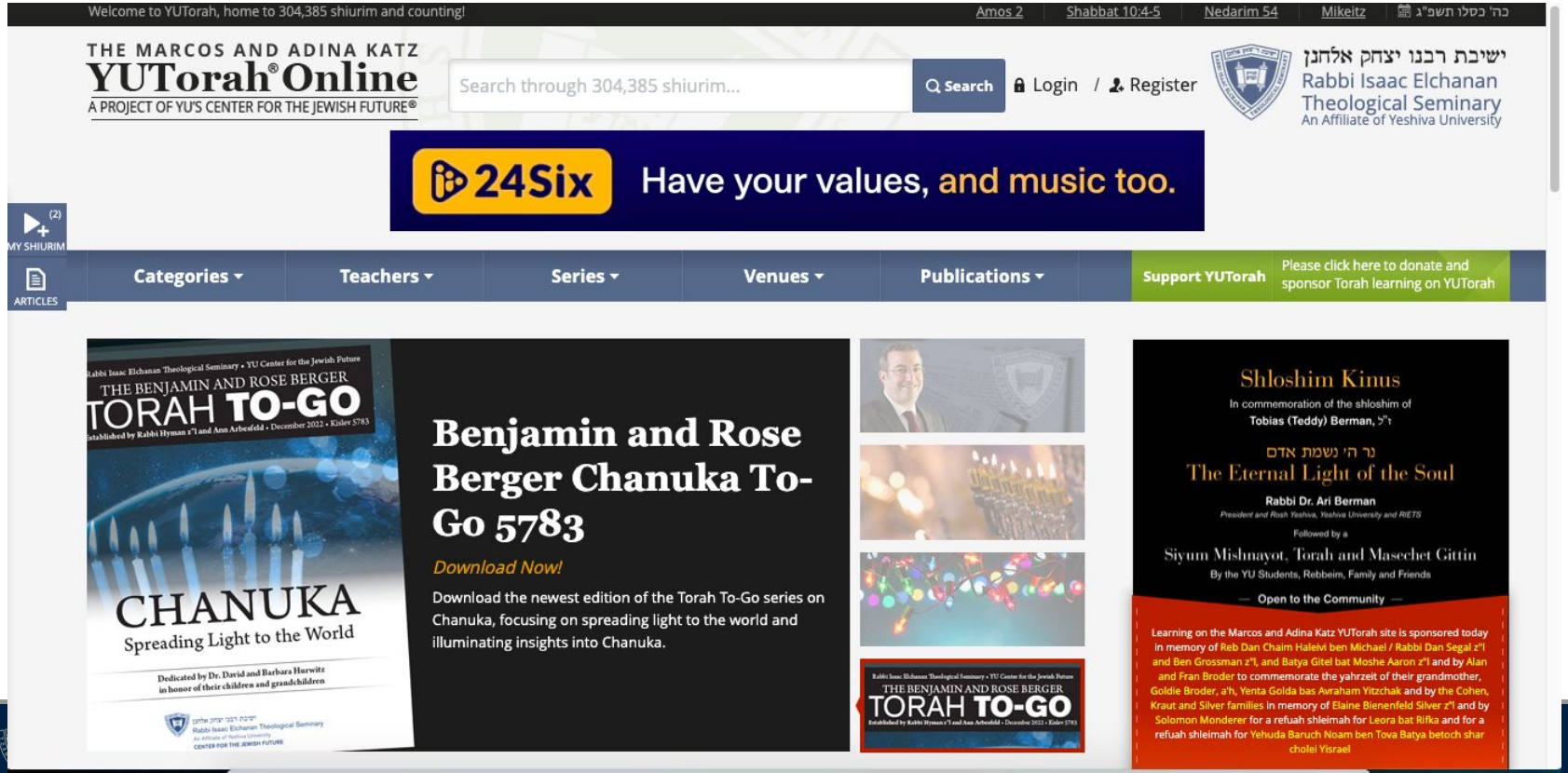
What is it? A lecture (shiur) site run by Yeshiva University



Contents:

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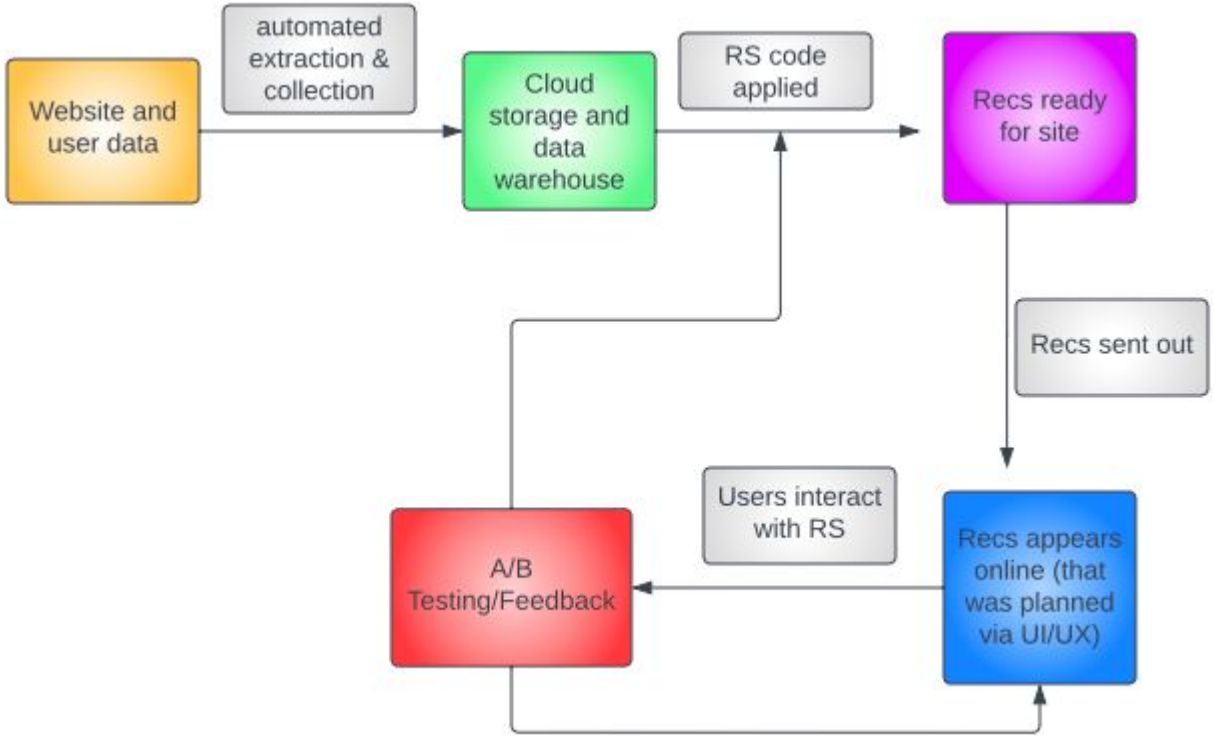
Motivation and Goals

- Site is overwhelming…
- Compare YU's site to this lecture site
- Better way to get to interesting lectures?
  - (besides revamping the design of the website?)
- Perhaps a recommender system??
- Proof of concept for a YU Torah Online recommender system

Process and Code

- Scrape website for content-based recommender (titles, lecturers, categories, descriptions)
- Export user information for collaborative filtering recommender
  - Google Analytics
- Code overview

Conclusion & Next Steps

- It’s feasible - even without finishing the code
- And YU would want it
- But it’s hard…
  - Messy website code
  - Beautifulsoup and json
  - Cleaning the data
- Next steps:
  - Clean data better
  - Finish recommender system
  - Larger data pool

My Vision (perhaps for a capstone?)