# Presentation 2

## MVP Overview and Technology Stack

# MVP - User Data

- User supplies their handle
- Get tweets/retweets
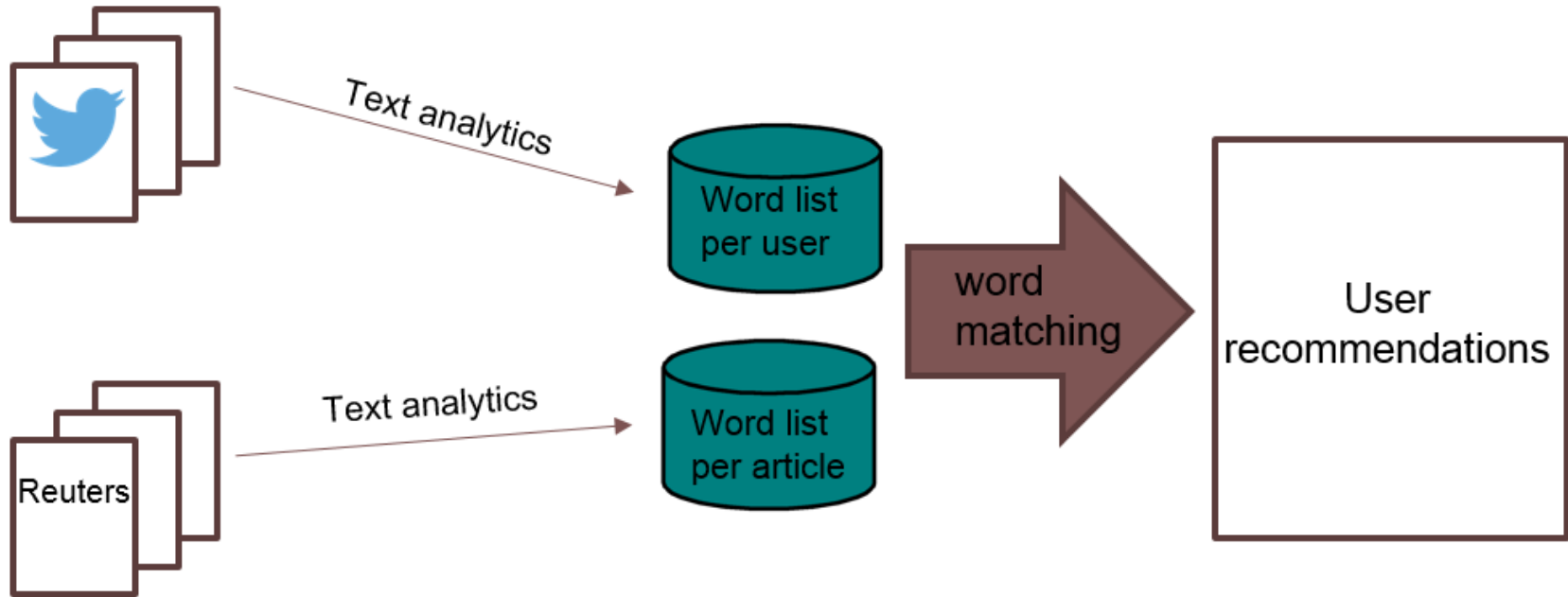  - Keep top 10 terms by frequency

# MVP - Content Acquisition

- Reuters RSS feeds
  - feedparser
- Parse HTML from articles
  - beautiful-soup
  - goose-extractor

# MVP - Recommendation

- Simple word matching
  - Compare each term in user's top 10 with article content
  - Score articles based on agreement with Twitter data
  - Return ranked list of articles

# MVP - Processing

# Technology Stack

- Django
  - Bootstrap
  - HTML/CSS
- PostgreSQL
  - Article content data
  - Twitter data / User profiles
- Python
  - RSS feed parsing
  - HTML parsing

# Future Plans

- Enhance user profile generation
  - leverage list names and descriptions to infer topics of interest (http://twitter-app.mpi-sws.org/who-likes-what/)
  - currently in data-gathering stage
- Enhance recommendation algorithm
  - replace word-matching with topics/factors