Building Demonstration Systems for Exploring Market Competition over Topics in Spatio-Temporal Document Collections

Objective

- Crawl Spatio-Temporal data from various sources
- Train the proposed algorithm using data crawled
- Build the web-based demonstration system

Crawler → Preprocessing → Model Training → Web Visualization

The demonstration system is built using Python (Scrapy & Tweepy for crawling, Flask for Backend) and React for Frontend.