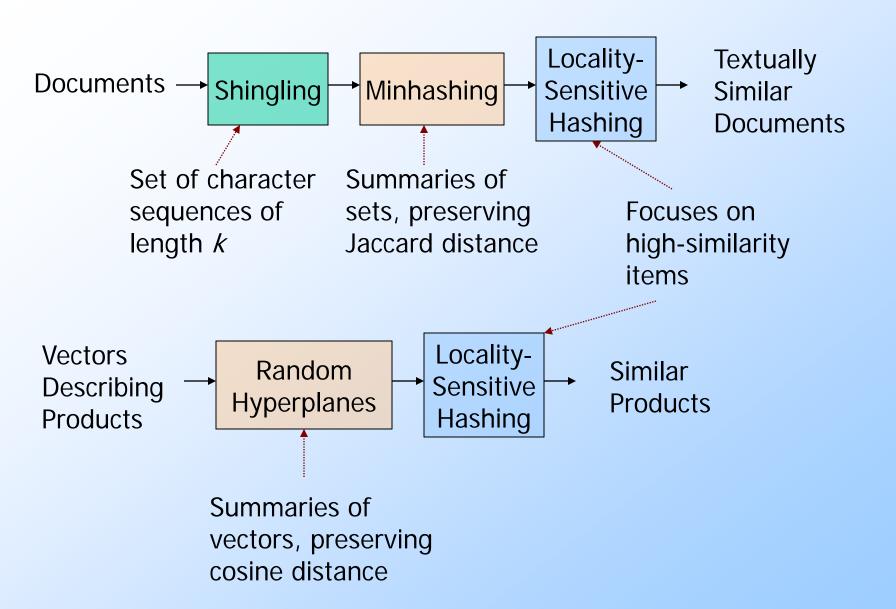
Near-Neighbor Search

Finding Variants of a News Article Finding Similar Restaurants

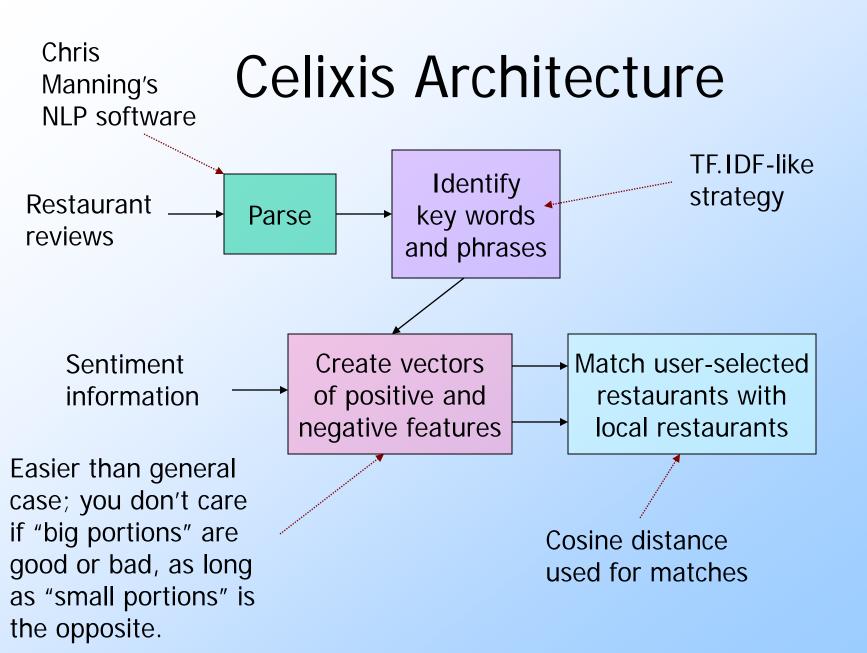


Organizing News Articles

- Applications such as Google News see thousands of on-line news articles.
- Many come from the same story, with modifications by the publisher.
- Need to cluster by underlying story.
- Perfect for shingling minhashing locality-sensitive hashing.

Restaurant Advisor

- Celixis is a Stanford startup trying to create "advisors."
 - First application: restaurant advisor.
- Uses data from restaurant reviews plus one or more restaurants you select as examples of what you like.



Further Reading

- A new book by Anand Rajaraman and Jeff Ullman, titled *Mining of Massive Datasets*, covers these topics.
- See it on-line at infolab.stanford.edu/ ~ullman/pub/book.pdf