

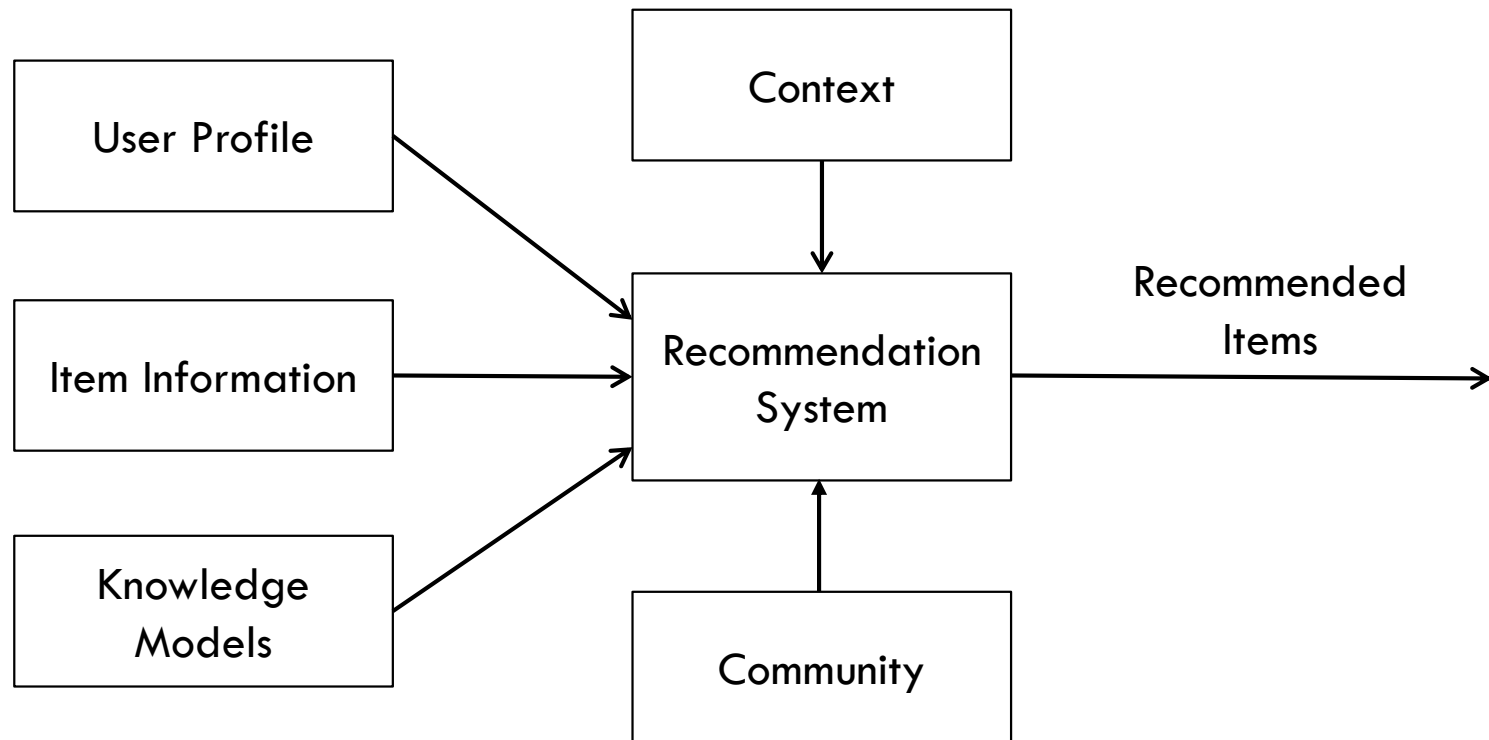
Recommender Systems Overview

Topic 3

Introduction

- Recommender systems are widely used in the industry.
- Recommender systems play an important role in such highly rated Internet sites as Amazon.com, YouTube, Netflix, Yahoo, Tripadvisor, last.fm, IMDb, and Apple's App Store.
- People come across recommender systems one way or another. For example, Amazon tracks the purchasing habits of all its shoppers, and when you log onto the site, it uses this information to suggest products you might like.
- There are dedicated conferences and workshops related to the field: ACM Recommender Systems (RecSys) as well as a number of journal publication outlets.

Overview

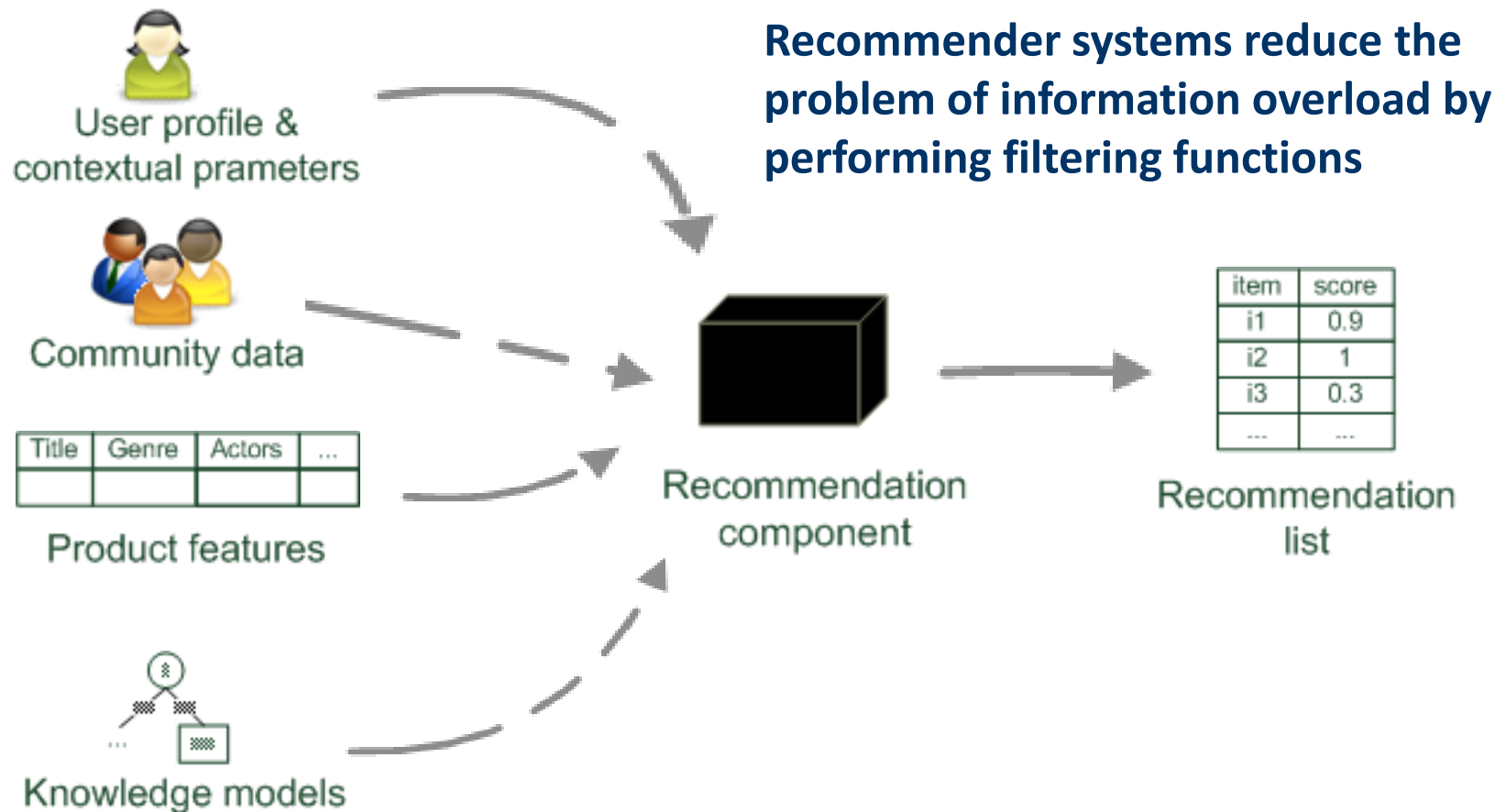


Alternative Approaches

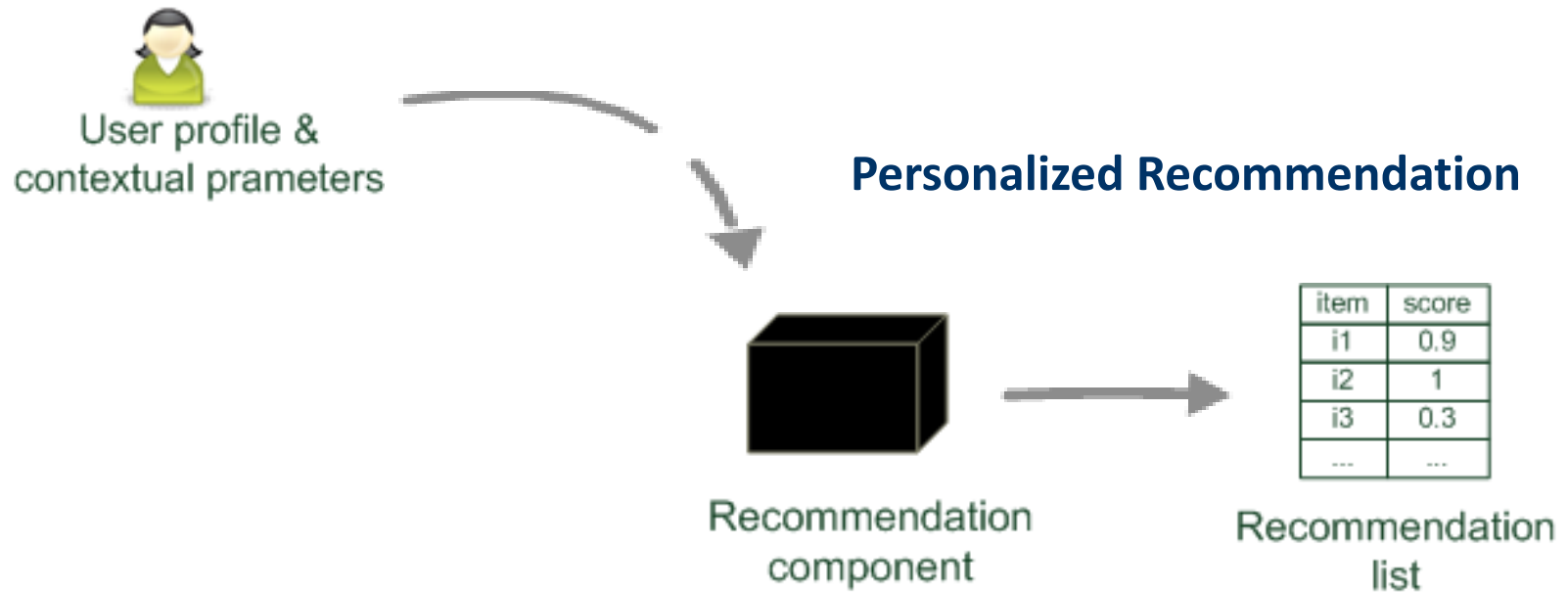


- Collaborative recommendation
- Content-based recommendation
- Knowledge-based recommendation
- Hybrid recommendation approaches

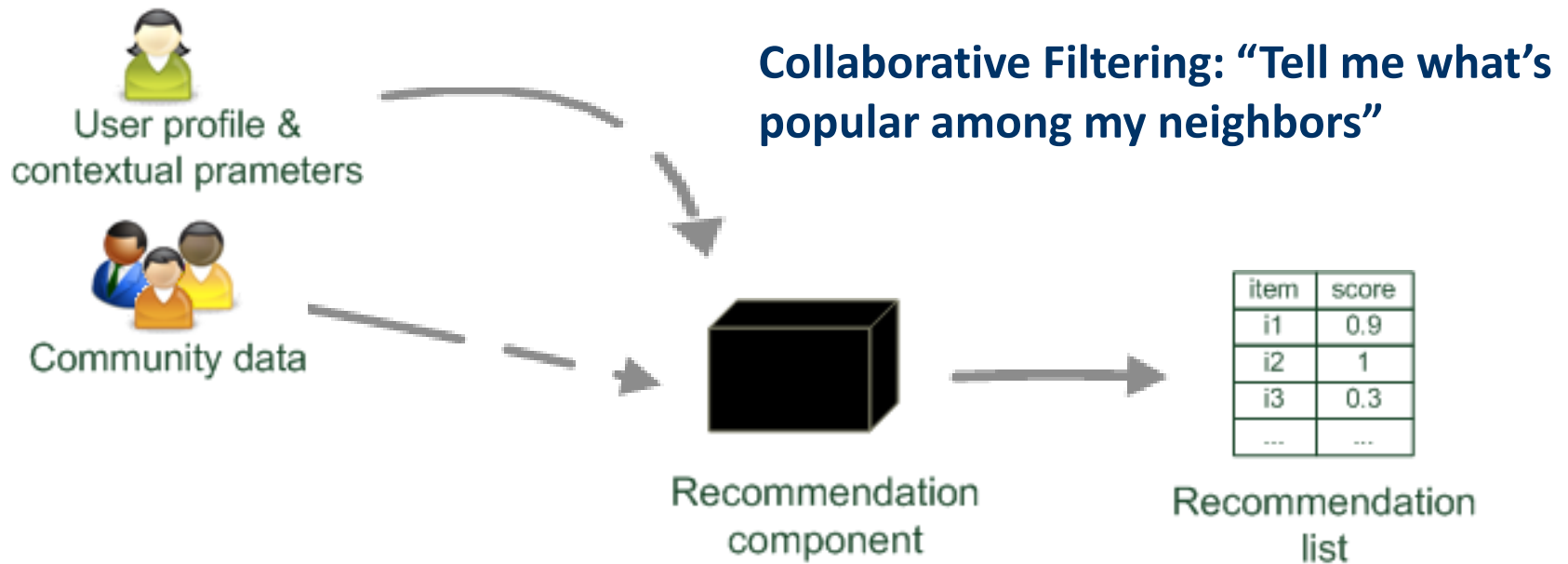
Recommender System Fundamentals



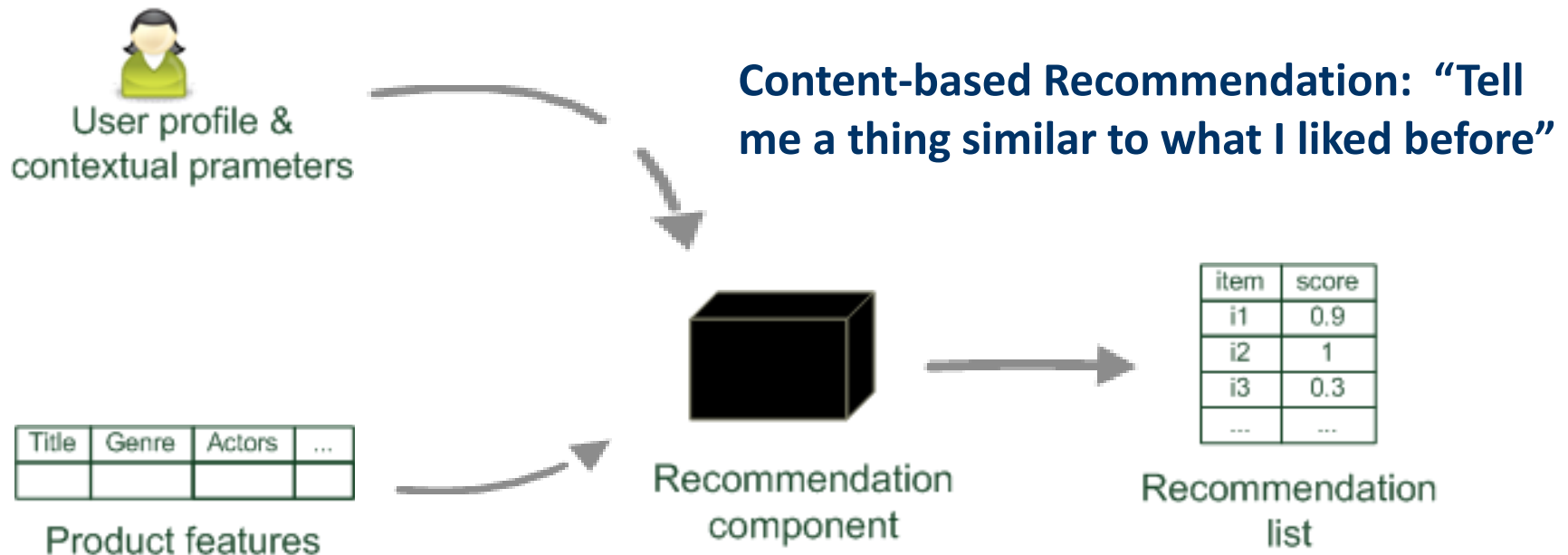
Recommender System Fundamentals



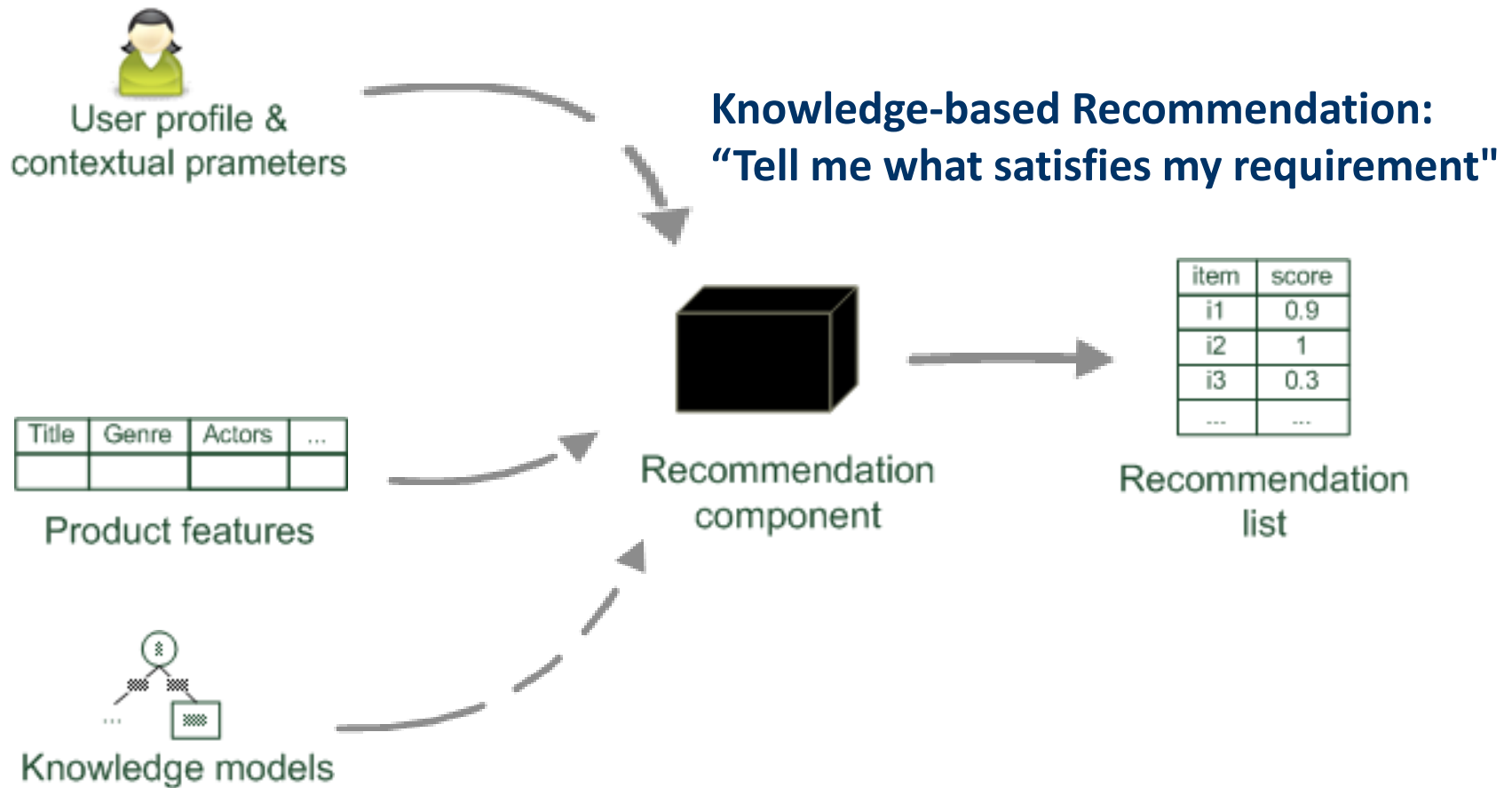
Recommender System Fundamentals



Recommender System Fundamentals



Recommender System Fundamentals



Recommender System Fundamentals

