

Research on recommender systems often focuses on making systems more effective and efficient. Collaborative Filtering (CF) is a popular approach for creating personalized recommendations. In user-based systems, reducing power can lead to better recommendations. This approach can be applied to a variety of domains, including e-commerce, social media, and entertainment. The fundamentals of recommender systems are covered in the Recommender Systems Handbook, published by Francesco Ricci, Lior Rokach, Bracha Shapira, and Paul B. Kantor in 2014.

Developments of micro-location based recommender systems take the customers' in-store experience into account. Context-Aware Recommender Systems (Ricci F., Rokach L., Shapira B. & Kantor P. B. 2011) are an ongoing field of research. The course covers learning methods for the recommender core, approaches for the design and evaluation of recommender systems. With them, the recommender systems can already generate satisfactory results.

Most context-aware recommender systems in the literature that use...