

# Recommender Systems Course

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# Recommender systems

## Outline

1. Introduction
2. The Recommendation Problem
3. User Feedback
4. Challenges
5. Evaluation of RS
6. Collaborative Filtering
7. Content-Based Filtering
8. Hybrid Approaches
9. Context-Aware Recommendation
10. Reinforcement Learning for Recommender Systems
11. Deep Learning for Recommender Systems
12. Short Intro to Large Language Models for Recommender Systems
13. A Practical Example: Recommendation in Location-Based Social Networks

# Recommender systems

**Assessment**            100% Group project

**Classes**                10/06 and 11/06

**Lab sessions**        11/06

**Link**

## Resources

- Francesco Ricci, Lior Rokach, Bracha Shapira. *Recommender Systems Handbook*. Springer 2022, isbn 978-1-0716-2196-7.
- Kim Falk. *Practical Recommender Systems*. Manning, 2019, isbn 9781617292705.