

<u>Unit 2 Nonlinear Classification</u>, <u>Linear regression, Collaborative</u>

Course > Filtering (2 weeks)

1. Objectives

> Lecture 7. Recommender Systems >

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1. Objectives

Recommender Systems

At the end of this lecture, you will be able to

- understand the problem definition and assumptions of recommender systems
- understand the impact of similarity measures in the K-Nearest Neighbor method
- understand the need to impose the low rank assumption in collaborative filtering
- ullet iteratively find values of U and V (given $X=UV^T$) in collaborative filtering

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