← Go Back to Recommendation Systems

Course Content

Course Outline

Welcome to the course on **Recommendation Systems**. This course will give us an overview of why recommendation systems are now everywhere and give us some insight into what is required to build a good recommendation system by covering statistical modeling and algorithms.

Objective: The primary goal of this course is to recognize the difference between traditional prediction and recommendation systems and how to apply various algorithms to solve recommendation systems problems.

Topics covered:

Intro to Recommendation Systems

- Introduction to the Recommendations, evaluation of specific metrics, the sparsity of data, time-varying data
- Examples of datasets
- Modeling process and simple solutions
- Content-based recommendation systems

Matrix

- Improving solutions, Clustering
- Collaborative Filtering
- Singular Value Thresholding

Tensor, NN for Recommendation Systems

- Matrix estimation meets content-based
- Matrix estimation over time
- Everything together

Happy Learning!

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