The 18th ACM Recommender Systems Conference RecSys 2024
Bari, Italy October 14 – 18, 2024.

Computational Methods for Designing Human-Centered Recommender Systems

A Case Study Approach Intersecting Visual Arts and Healthcare

ACM RecSys

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The Tutorial

- TOTAL estimated workload: 3 hrs
  - Lecture hours: ~2.25 hours
  - Practical work: ~45 mins

YOU

- New to RecSys or expanding into RecSys research
- Work in an industry where human-centered RecSys applications are relevant
- Researcher or practitioner interested in Human-Centric RecSys
- Graduate student exploring RecSys as a research topic

Prerequisites

- **Familiarity** with Machine Learning,
- **Knowledge** of Algebra and Calculus,
- **Prior experience** with **Python** programming language.

Timeline

45min [09:00 - 09:45] **Part 1**: Introduction: Human-Centered RecSys

45min [09:45 - 10:30] **Part 2A**: The HC RecSys pipeline: A case-study approach

45min [10:30 - 11:15] Coffee Break

30min [11:15 - 11:45] **Part 2B**: The HC RecSys pipeline: A case-study approach

30min [11:45 - 12:15] **Part 2C:** VA RecSys for Post-Intensive Care Syndrome (PICS) intervention

30min [12:15 - 12:45] **Part 3:** Hands-on

Resources

- Lecture Slides
- Jupyter Notebooks
- Additional reading

GitHub

Tutorial Website