

## COMP9417

# Machine Learning and Data Mining

## Assignment

## Topic: 3.4

# Movie recommender system using collaborative filtering

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Introduction (Joel)

You must explain the problem you have tackled, the basic approach taken to solving it, and any important aspects of that approach in terms of machine learning.

# Implementation

If your work was mostly implementation, focus on that. Otherwise briefly describe what you did.

Deepansh: explain ideas here

Joel: explain ideas here

# Experimentation

All methods must be tested on some data, so these results should be included. Additionally, if this was a major focus, you will need to explain the work done and what was accomplished, for example on setting up the learning task, choice of evaluation, and so on. Detailed statistical analyses are probably outwith the scope of the project, so don't include these unless you are already very familiar with this kind of thing.

All DP methods and errors here:

CF method and result here:

References

Should be there for algorithms used or other aspects of the work.

Copy-paste all algo’s here

# Appendix

Should be used if you have a lot of experimental results. However, consider plotting graphs or using other visualizations like histograms to summarize a lot of results concisely.

Place any graphs here