Laboratory 3

- Download Octave in order to run the collaborative filtering code simpleCF.m.
- This is a user-based code for making predictions given a database of user item ratings.
- Initially try some simple modifications to this code e.g. modify the parameters. Can you change the similarity metric? How do these changes impact on performance?
- Can you change the code to calculate a top-*N* recommendation rather than rating prediction.
- Ultimately, the goal is to augment this code with trust metric data in order to improve the recommendation.



Laboratory 3 – Case Study

Devise and evaluate an algorithm that combines ratings data and trust data to make a recommendation.

- Epinions data is provided (... other data can be downloaded from the web).
- Compare your algorithm with and without the trust data ... does the trust data data improve the recommendation?

