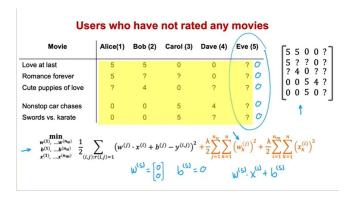
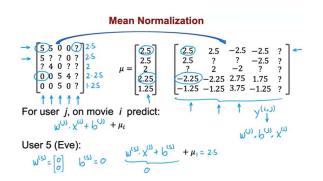
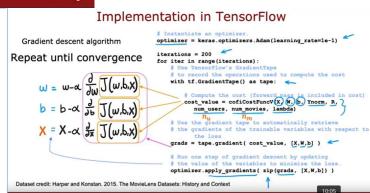
Saturday, December 10, 2022 9:42 AM

Resources:- https://www.coursera.org/learn/unsupervised-learning-recommenders-reinforcementlearning/home/week/2









Finding related items

The features $x^{(i)}$ of item i are quite hard to interpret. To find other items related to it, find item k with $x^{(k)}$ similar to $x^{(i)}$

i.e. with smallest

distance

action X1, X2, X3 111

romance

Limitations of Collaborative Filtering →Cold start problem. How to

rank new items that few users have rated?

show something reasonable to new users who have rated few

Use side information about items or users:

Item: Genre, movie stars, studio,

User: Demographics (age, gender, location), expressed preferences, ...

DeepLearning.AI Stanford ONLINE Andrew Ng