

## Some Review Questions:

- 1) Explain how frequent itemset graph would help to recommend new items if rules are already stored in database.
- 2) Stochastic gradient descent generally improves gradient descent.
  - a. Explain how it operates:
  - b. Compare number of iteration until convergence:
  - c. Compare computation time for one iteration.
  - d. Learn the importance of Convergence Rate.
- 3) What are the major issues with Collaborative filtering? Suggest an approach to resolve them.