

▶ About this course

▶ Module 1 - Machine Learning vs Statistical Modeling

▶ Module 2 - Supervised Learning I

▶ Module 3 - Supervised Learning II

▶ Module 4 - Unsupervised Learning

▼ **Module 5 - Dimensionality Reduction & Collaborative Filtering**

Learning Objectives

Dimensionality Reduction - Feature Extraction & Selection (5:30)

Collaborative Filtering & Its Challenges (5:01)

Lab

Graded Review Questions

Review Questions



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▶ Course Survey and Feedback

▶ Completion Certificate and Badge

Instructions for Graded Review Questions

1. Time allowed: **Unlimited**

- We encourage you to go back and review the materials to find the right answer
- Please remember that the Review Questions are worth 50% of your final mark.

2. Attempts per question:

- One attempt - For True/False questions
- Two attempts - For any question other than True/False

3. Clicking the "**Final Check**" button when it appears, means your submission is **FINAL**. You will **NOT** be able to resubmit your answer for that question ever again

4. Check your grades in the course at any time by clicking on the "Progress" tab

REVIEW QUESTION 1 (1/1 point)

Filters produce a feature set that does not contain assumptions based on the predictive model, making it a useful tool to expose relationships between features.

☒ True 

☐ False

You have used 1 of 1 submissions

REVIEW QUESTION 2 (1 point possible)

Principle Components Analysis retains all information during the projection process of higher order features to lower orders.

☒ True 

☐ False

You have used 1 of 1 submissions

REVIEW QUESTION 3 (1/1 point)

Which of the following is not a challenge to a recommendation system that uses collaborative filtering?

☒ Diversity Sheep ✓☐ Shilling Attacks☐ Scalability☐ Synonyms

You have used 2 of 2 submissions