

▶ About this Course

▼ Module 1: Data Series

Learning Objectives

Introduction to
Dimension Reduction
(8:51)Dimension Reduction
Goals (7:16)

Review Questions

Review Questions



▶ Module 2: Data Refinement

▶ Module 3: Exploring Data

▶ Final Exam

▶ Completion Certificate

Review Questions Instructions

1. Time allowed: **Unlimited**

- We encourage you to go back and review the materials to
- Please remember that the Review Questions are worth 50%

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 you
You will **NOT** be able to resubmit your answer for that question

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

REVIEW QUESTION 1 (1/1 point)

Which of the following techniques can be used to reduce the dimensionality of a population?

☐ Exploratory Data Analysis☐ Principal Component Analysis☐ Exploratory Factor Analysis☒ Cluster Analysis ✓*You have used 2 of 2 submissions*

REVIEW QUESTION 2

[Cookie Preferences](#)

☒ False ✓

☐ True

You have used 1 of 1 submissions

REVIEW QUESTION 3 (1/1 point)

Which of the following options are true? Select all that apply.

☒ PCA explains the total variance

☒ EFA explains the common variance

☐ EFA identifies measures that are sufficiently similar to each other

☐ PCA captures latent constructs that are assumed to cause observed variables



You have used 2 of 2 submissions

