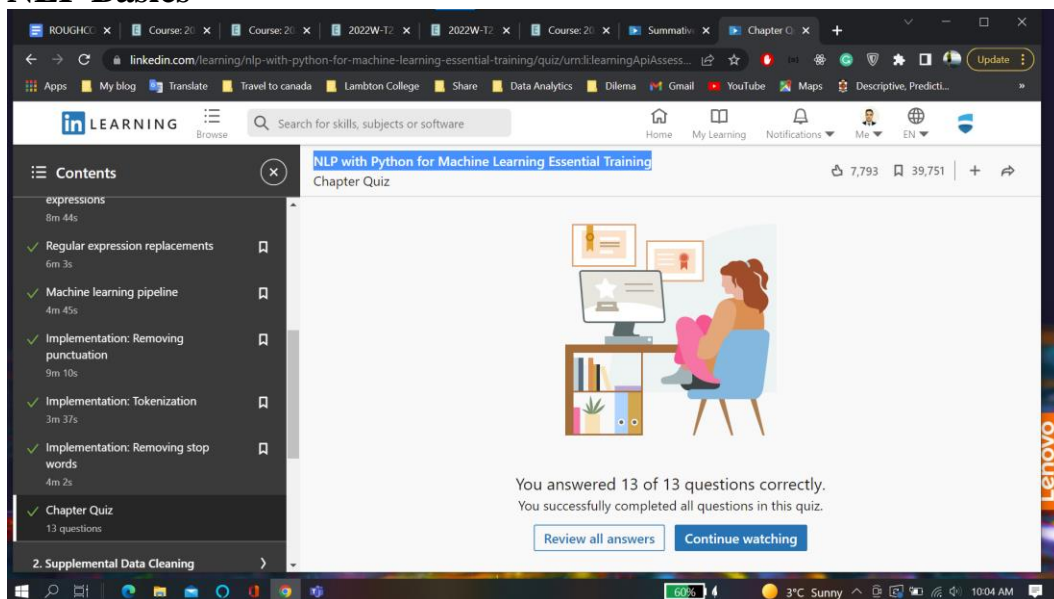


**BDM 1034 - Application Design for Big Data**  
**Week13(Synchronous)**  
**Submitted by: Aadarsha Chapagain**  
**Student ID:C0825975**  
**Submitted to: Prof. Teresa Zhu**

Here I have attached the chapter quiz I have done from LinkedIn learning for Course “**NLP with Python for Machine Learning Essential Training**” along with the Screenshot of score I achieved.

**Chapter 1:**  
**NLP Basics**



## Chapter 2

### Supplemental Data Cleaning

LinkedIn Learning interface showing Chapter 2: Supplemental Data Cleaning. The left sidebar lists topics: 1. NLP Basics, 2. Supplemental Data Cleaning (selected), and 3. Vectorizing Raw Data. Under Chapter 2, topics include Introducing stemming, Using stemming, Introducing lemmatizing, and Using lemmatizing. The main content area shows a quiz result: "You answered 1 of 1 question correctly. You successfully completed all questions in this quiz." with buttons for "Review all answers" and "Continue watching".

## Chapter 3:

### Vectorizing Raw Data

LinkedIn Learning interface showing Chapter 3: Vectorizing Raw Data. The left sidebar lists topics: 10m 47s, N-gram vectorizing, Inverse document frequency weighting, Chapter Quiz (selected), 4. Feature Engineering, 5. Building Machine Learning Classifiers, Conclusion, and Next steps. Under Chapter 3, topics include N-gram vectorizing and Inverse document frequency weighting. The main content area shows a quiz result: "You answered 3 of 3 questions correctly. You successfully completed all questions in this quiz." with buttons for "Review all answers" and "Continue watching".

## Chapter 4: Feature Engineering

The screenshot shows a web browser window displaying a LinkedIn Learning page. The page title is "NLP with Python for Machine Learning Essential Training Chapter Quiz". The left sidebar shows a list of chapters, with "4. Feature Engineering" selected. The main content area displays a congratulatory message: "You answered 3 of 3 questions correctly. You successfully completed all questions in this quiz." Below the message are two buttons: "Review all answers" and "Continue watching". The bottom of the screen shows a Windows taskbar with the time 10:07 AM and a battery level of 60%.

Contents

- 4. Feature Engineering
  - Introducing feature engineering 3m 27s
  - Feature creation 6m 33s
  - Feature evaluation 6m 16s
  - Identifying features for transformation 4m 2s
  - Box-Cox power transformation 6m 59s
  - Chapter Quiz 3 questions
- 5. Building Machine Learning Classifiers

NLP with Python for Machine Learning Essential Training Chapter Quiz

You answered 3 of 3 questions correctly.  
You successfully completed all questions in this quiz.

[Review all answers](#) [Continue watching](#)

## Chapter 5: Building Machine Learning Classifier

The screenshot shows a web browser window displaying a LinkedIn Learning page. The page title is "NLP with Python for Machine Learning Essential Training Chapter Quiz". The left sidebar shows a list of chapters, with "5. Building Machine Learning Classifier" selected. The main content area displays a congratulatory message: "You answered 2 of 2 questions correctly. You successfully completed all questions in this quiz." Below the message are two buttons: "Review all answers" and "Continue watching". The bottom of the screen shows a Windows taskbar with the time 10:07 AM and a battery level of 60%.

Contents

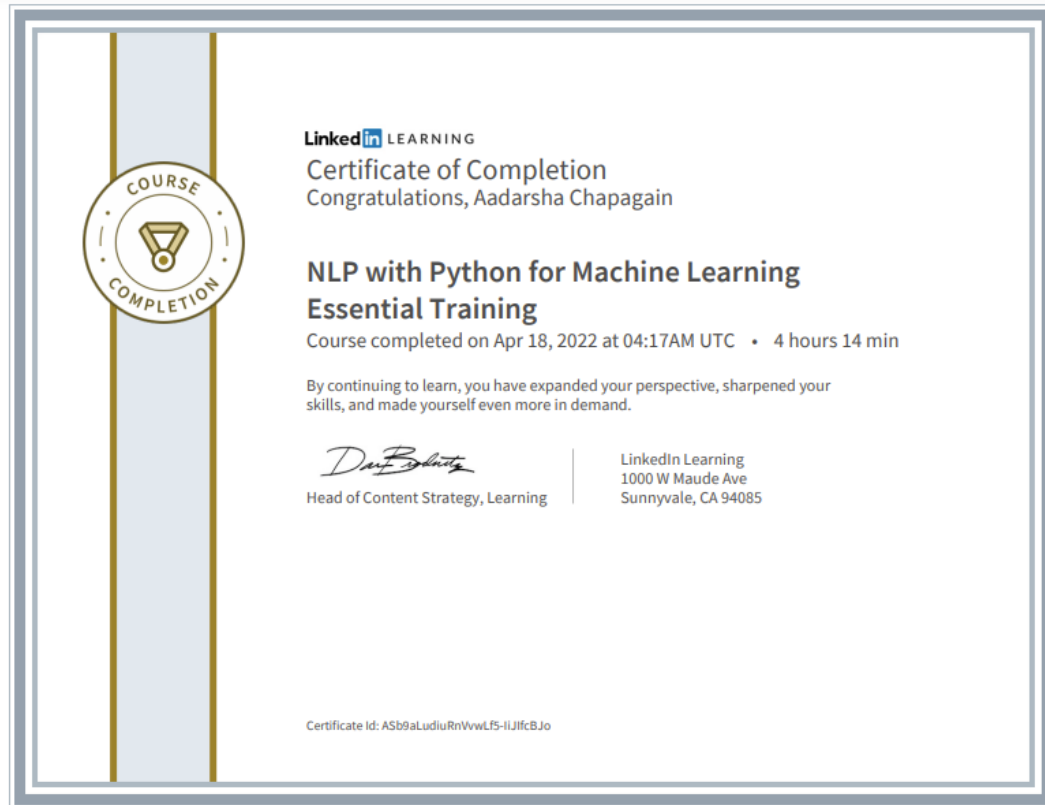
- 5. Building Machine Learning Classifier
  - Gradient-boosting grid search 9m 44s
  - Evaluate gradient-boosting model performance 9m 32s
  - Model selection: Data prep 8m 25s
  - Model selection: Results 9m 52s
  - Chapter Quiz 2 questions
- Conclusion
  - Next steps 1m 10s

NLP with Python for Machine Learning Essential Training Chapter Quiz

You answered 2 of 2 questions correctly.  
You successfully completed all questions in this quiz.

[Review all answers](#) [Continue watching](#)

## Certificate

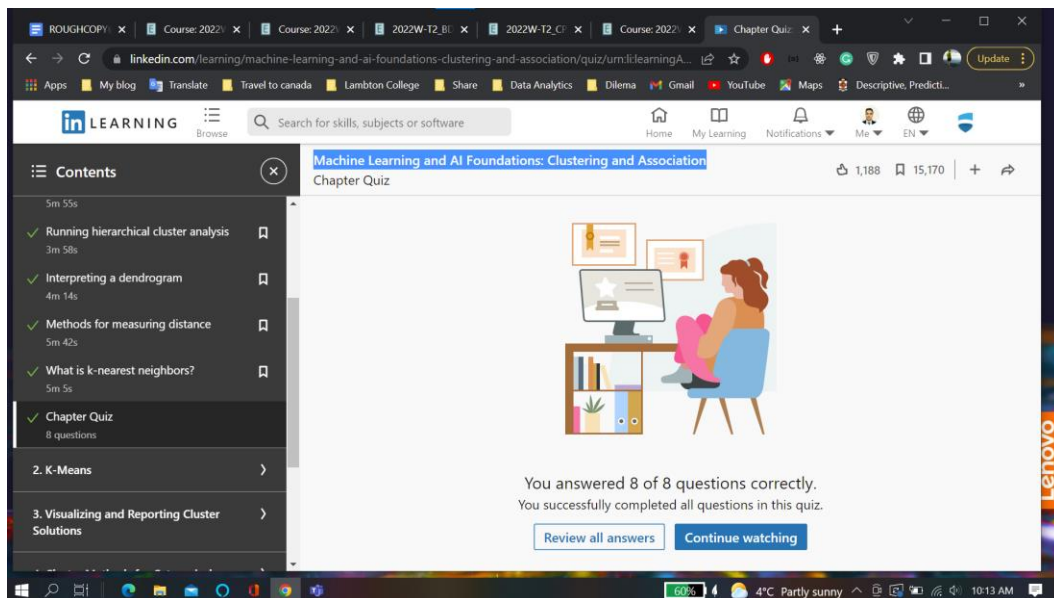


**BDM 1034 - Application Design for Big Data**  
**Week13(Asynchronous)**  
**Submitted by: Aadarsha Chapagain**  
**Student ID:C0825975**  
**Submitted to: Prof. Teresa Zhu**

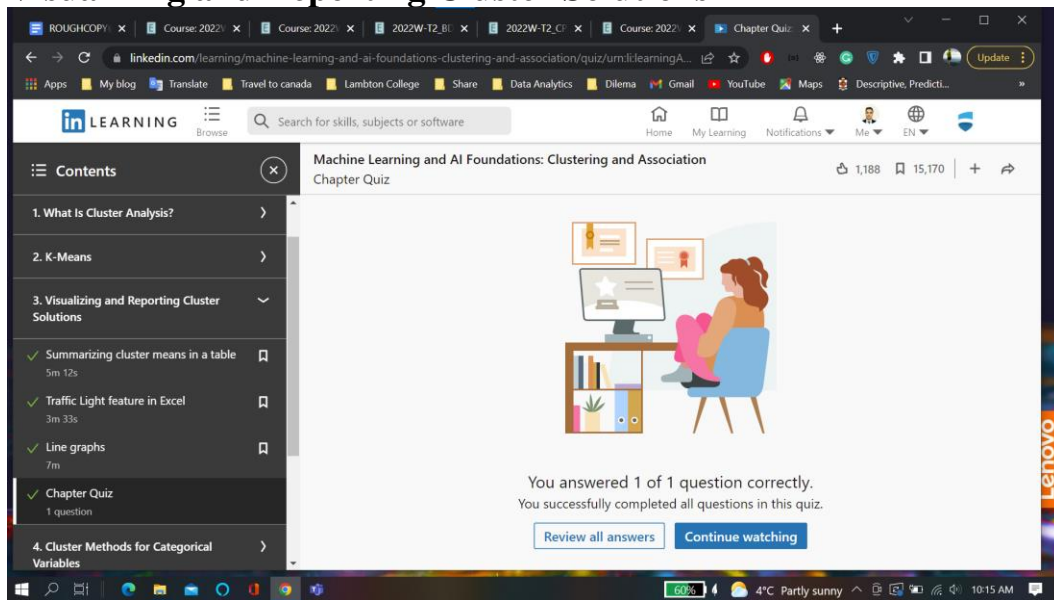
Here I have attached the certificate I achieved from LinkedIn learning for Course “**Machine Learning and AI Foundations: Clustering and Association**” along with the demo.

## Chapter 1:

### What is cluster Analysis?



## Chapter 3: Visualizing and Reporting Cluster Solutions



## Certificate:

