

BDM 1034 - Application Design for Big Data Week12(Async)

Submitted by: Aadarsha Chapagain

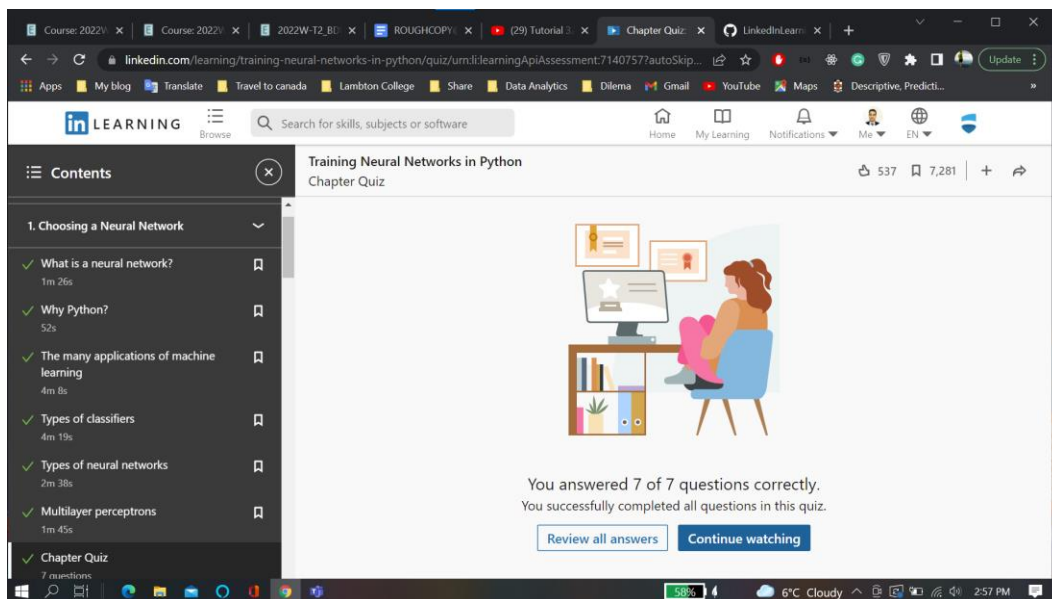
Student ID:C0825975

Submitted to: Prof. Teresa Zhu

Here I have attached the certificate I achieved from LinkedIn learning for Course
“Training Neural Networks in python” along with the demo.

Chapter 1:

Choosing a Neural Network



Chapter 2: The building blocks of Neural Networks

Course: 2022W-T2 x Course: 2022W-T2 x 2022W-T2_BDM 1: x ROUGH COPY@20: x Chapter Quiz: Train x Neural-Networks: x +

linkedin.com/learning/training-neural-networks-in-python/quiz/urn:li:learningApiAssessment:71417507:autoSkip... Update

Apps My blog Translate Travel to canada Lambton College Share Data Analytics Dilema Gmail YouTube Maps Descriptive, Predicti...

in LEARNING Browse Search for skills, subjects or software Home My Learning Notifications Me EN

Contents Training Neural Networks in Python Chapter Quiz 537 7,281 +

1m 2s

- ✓ Solution: Finish the perceptron 40s
- ✓ Logic gates 3m 11s
- ✓ Challenge: Logic gates with perceptrons 1m
- ✓ Solution: Logic gates with perceptrons 52s
- ✓ Chapter Quiz 7 questions

3. Building Your Network

- Linear separability 3m 28s

You answered 7 of 7 questions correctly.
You successfully completed all questions in this quiz.

Review all answers Continue watching

58% 7°C Mostly clo... 4:00 PM

Chapter 3: Building Your Network

Course: 2022W-T2 x Course: 2022W-T2 x 2022W-T2_BDM 1: x ROUGH COPY@20: x Chapter Quiz: Train x Neural-Networks: x +

linkedin.com/learning/training-neural-networks-in-python/quiz/urn:li:learningApiAssessment:71421967:autoSkip... Update

Apps My blog Translate Travel to canada Lambton College Share Data Analytics Dilema Gmail YouTube Maps Descriptive, Predicti...

in LEARNING Browse Search for skills, subjects or software Home My Learning Notifications Me EN

Contents Training Neural Networks in Python Chapter Quiz 537 7,281 +

- ✓ Writing the multilayer perceptron class 2m 30s
- ✓ Challenge: Finish the multilayer perceptron class 1m 23s
- ✓ Solution: Finish the multilayer perceptron class 2m 16s
- ✓ Chapter Quiz 2 questions

4. Training Your Network

- The need for training 4m 45s
- The training process 3m 47s

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

Review all answers Continue watching

58% 7°C Mostly clo... 4:17 PM

Chapter 4: Training Your Network

Course: 2022W-T2 x Course: 2022W-T2 x 2022W-T2_BDM 1 x ROUGHCOPY@20 x Chapter Quiz: Train x Neural-Networks x +

linkedin.com/learning/training-neural-networks-in-python/quiz/urn:li:learningApiAssessment:71369647:autoSkip... Update

Apps My blog Translate Travel to canada Lambton College Share Data Analytics Dilema Gmail YouTube Maps Descriptive, Predicti...

in LEARNING Browse Search for skills, subjects or software Home My Learning Notifications Me EN

Contents Training Neural Networks in Python Chapter Quiz 537 7,287 +

- ✓ The delta rule 3m 34s
- ✓ The backpropagation algorithm 9m 12s
- ✓ Challenge: Write your own backpropagation method 3m 1s
- ✓ Solution: Write your own backpropagation method 4m 18s
- ✓ Chapter Quiz 10 questions
- 5. Let's Make a Segment Display Classifier
- Conclusion

You answered 10 of 10 questions correctly.
You successfully completed all questions in this quiz.

Review all answers Continue watching

58% WTI -1.82% 10:11 PM

Chapter 5: Let's make a segment display classifier

Course: 2022W-T2 x Course: 2022W-T2 x 2022W-T2_BDM 1 x ROUGHCOPY@20 x Chapter Quiz: Train x Neural-Networks x +

linkedin.com/learning/training-neural-networks-in-python/quiz/urn:li:learningApiAssessment:71407587:autoSkip... Update

Apps My blog Translate Travel to canada Lambton College Share Data Analytics Dilema Gmail YouTube Maps Descriptive, Predicti...

in LEARNING Browse Search for skills, subjects or software Home My Learning Notifications Me EN

Contents Training Neural Networks in Python Chapter Quiz 537 7,287 +

- 5. Let's Make a Segment Display Classifier
- ✓ Segment display recognition 3m 11s
- ✓ Challenge: Design your own SDR neural network 1m 21s
- ✓ Solution: Design your own SDR neural network 5m 17s
- ✓ Challenge: Train your own SDR neural network 2m 45s
- ✓ Solution: Train your own SDR neural network 6m 25s
- ✓ Chapter Quiz

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

Review all answers Continue watching

58% CADUSD -0.21% 10:12 PM

Certificate



LinkedIn LEARNING

Certificate of Completion
Congratulations, Aadarsha Chapagain

Training Neural Networks in Python

Course completed on Apr 11, 2022 at 01:57AM UTC • 1 hour 45 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink, appearing to read "Dan Bolintz".

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate id: AcrFADhNI9EpW146yH2zD3clwtFn