



04-Jun-2022

Pratik Yuvraj Yawalkar

has successfully completed

Natural Language Processing in TensorFlow

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink that reads 'Laurence Moroney'.

Laurence Moroney  
Lead AI Advocate, Google

COURSE  
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<https://coursera.org/verify/VCLTC5BWLKGB>

Coursera has confirmed the identity of this individual and their participation in the course.



Course Material

- Week 1
- Week 2
- Week 3
- Week 4

Grades

Notes

Discussion Forums

Messages 1

Course Info

Grades

You have completed all of the assignments that are currently due.

You passed this course! Your grade is 100%.

| Item  | Status | Due                    | Weight | Grade |
|---|--------|------------------------|--------|-------|
| Week 1 Quiz<br>Quiz   | Locked | May 22<br>11:59 PM PDT | 5%     | 100%  |
| Explore the BBC news archive<br>Programming Assignment            | Locked | May 22<br>11:59 PM PDT | 20%    | 100%  |
| Week 2 Quiz<br>Quiz   | Locked | May 29<br>11:59 PM PDT | 5%     | 100%  |
| Diving deeper into the BBC News arch...<br>Programming Assignment | Locked | May 29<br>11:59 PM PDT | 20%    | 100%  |
| Week 3 Quiz<br>Quiz   | Locked | Jun 5<br>11:59 PM PDT  | 5%     | 100%  |
| Exploring overfitting in NLP<br>Programming Assignment            | Locked | Jun 5<br>11:59 PM PDT  | 20%    | 100%  |
| Week 4 Quiz<br>Quiz   | Locked | Jun 12<br>11:59 PM PDT | 5%     | 100%  |
| Predicting the next word<br>Programming Assignment                | Locked | Jun 12<br>11:59 PM PDT | 20%    | 100%  |

# Natural Language Processing in TensorFlow

Completed by **Pratik Yuvraj Yawalkar**

June 4, 2022

4 weeks of study, 4-5 hours/week

Grade Achieved: 100%

Pratik Yuvraj Yawalkar's account is verified. Coursera certifies their successful completion of [Natural Language Processing in TensorFlow](#)

**Natural Language Processing in TensorFlow**

DeepLearning.AI

★★★★☆ 4.6 (5,901 ratings) | 100K Students Enrolled

WHAT YOU WILL LEARN

✓

Build natural language processing systems using TensorFlow

✓

Process text, including tokenization and representing sentences as vectors

✓

Apply RNNs, GRUs, and LSTMs in TensorFlow

✓

Train LSTMs on existing text to create original poetry and more

COURSE  
CERTIFICATE

June 4, 2022

**Pratik Yuvraj Yawalkar**

has successfully completed

Natural Language Processing in TensorFlow

an online micro-credential authorized by DeepLearning.AI and offered through Coursera

Laurence Moroney  
Lead AI Advisor, Google

Verify at:  
<https://coursera.org/certificates/PratikYawalkar>

Coursera has confirmed the identity of the individual and their participation in the course

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Download Certificate



Natural Language Processing in TensorFlow  
DeepLearning.AI

Course Material

✓ Week 1

✓ Week 2

✓ Week 3

✓ Week 4

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Course Info



Congratulations on getting your certificate!

You completed this course on June 4, 2022

Grade received: 100%

Share Certificate

Download certificate

Rate this course

Rate this course ☆☆☆☆☆

You've completed the Natural Language Processing in TensorFlow specialization! Based on the skills you learned, you may find these courses helpful



Sequences, Time Seri...

DeepLearning.AI



Convolutional Neural...

DeepLearning.AI



Convolutional Neural...

DeepLearning.AI



> Sentiment in text

## Introduction

### Sentiment in text

#### Lecture Notes (Optional)



#### Weekly Assignment - Explore the BBC News Archive



**Reading:** Assignment  
Troubleshooting Tips  
5 min




**Reading:** (Optional) Common  
Coursera Labs Operations  
5 min



**Programming Assignment:** Explore  
the BBC news archive  
3h

# Week 1 Quiz

Quiz • 30 min

 **Submit your assignment**

[Try again](#)

**Due** May 22, 11:59 PM PDT **Attempts** 3 every 8 hours

 **Receive grade**

**To Pass** 80% or higher

**Your grade**

100%

[View Feedback](#)

We keep your highest score

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 [Dislike](#)

 [Report an issue](#)

Word Embeddings

Lecture Notes (Optional)

Weekly Assignment - More on the  
BBC News Archive



**Programming Assignment:** Diving  
deeper into the BBC News archive  
3h

# Week 2 Quiz

Quiz • 30 min

✓ Submit your assignment

[Try again](#)

Due May 29, 11:59 PM PDT Attempts 3 every 8 hours

✓ Receive grade

To Pass 80% or higher

Your grade


100%

[View Feedback](#)

We keep your highest score

 Like

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## Sequence models

### Lecture Notes (Optional)

### Weekly Assignment - Exploring overfitting in NLP



Programming Assignment:

Exploring overfitting in NLP

3h

# Week 3 Quiz

Quiz

✔ Submit your assignment

[Try again](#)

**Due** Jun 5, 11:59 PM PDT **Attempts** 3 every 8 hours

✔ Receive grade

**To Pass** 80% or higher

Your grade

100%

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Sequence models and literature

Lecture Notes (Optional)

Weekly Assignment - Generate  
Shakespeare-like text



Programming Assignment:  
Predicting the next word  
3h

Course 3 Wrap up

Acknowledgments

# Programming Assignment: Predicting the next word



Passed · 100/100 points

**Deadline** Pass this assignment by Jun 12, 11:59 PM PDT

# Week 4 Quiz

Quiz • 30 min

✓ **Submit your assignment**

[Try again](#)

**Due** Jun 12, 11:59 PM PDT **Attempts** 3 every 8 hours

✓ **Receive grade**

**To Pass** 80% or higher

**Your grade**

**100%**

[View Feedback](#)

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