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Course Info

You passed this course! Your grade is 100%.

Item	Status	Due	Weight	Grade
Week 1 Quiz Quiz	Passed	May 2 12:29 PM IST	5%	100%
Housing Prices Programming Assignment	Passed	May 2 12:29 PM IST	20%	100%
Week 2 Quiz Quiz	Passed	May 9 12:29 PM IST	5%	100%
Implementing Callbacks in TensorFlo… Programming Assignment	Passed	May 9 12:29 PM IST	20%	100%
Week 3 Quiz Quiz	Passed	May 16 12:29 PM IST	5%	100%
Improve MNIST with convolutions Programming Assignment	Passed	May 16 12:29 PM IST	20%	100%
Week 4 Quiz Quiz	Passed	May 23 12:29 PM IST	5%	100%
Handling Complex Images Programming Assignment	Passed	May 23 12:29 PM IST	20%	100%

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

Completed by **PRATIK YUVRAJ YAWALKAR**

May 30, 2022

4 weeks, 4-5 hours/week

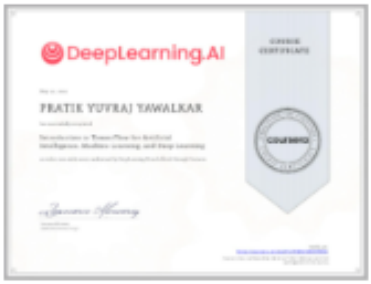
Grade Achieved: 100%

PRATIK YUVRAJ YAWALKAR's account is verified. Coursera certifies their successful completion of Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

Download Certificate

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

by DeepLearning.AI



Congratulations on getting your certificate!

You completed this course on May 30, 2022

Grade received: 100%

Share Certificate | Download certificate

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You've completed the Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning specialization! Based on the skills you learned, you may find these courses helpful

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DeepLearning.AI
★ ★ ★ ★ ½

Natural Language Pro...
DeepLearning.AI
★ ★ ★ ★ ½

Sequences, Time Seri...
DeepLearning.AI
★ ★ ★ ★ ½

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

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Programming Assignment: Housing Prices

Passed · 100/100 points

First programming assignment
This is your first programming assignment for this course.

Learn more Dismiss

Deadline The assignment was due on May 2, 12:29 PM IST
You can still pass this assignment before the course ends.

Launch Notebook!

Instructions My submissions Discussions

Great! You've come a long way already! Now it's time to do an exercise in programming. Earlier this week, you saw a 'Hello World' in Machine Learning that predicted a relationship between X and Y values. These were purely arbitrary, but it did give you the template for how you can solve more difficult problems. So, for this exercise, you will write code that does a similar task -- in this case predicting house prices based on a simple, linear equation.

To submit your Jupyter Notebook for grading, please click the `Submit Assignment` button while in the notebook.

Week 1 Quiz

Quiz • 30 min

Submit your assignment

Try again

Due May 2, 12:29 PM IST **Attempts** 3 every 8 hours

Receive grade

To Pass 80% or higher

Your grade

100%

View Feedback

We keep your highest score

Like Dislike Report an issue

Programming Assignment: Implementing Callbacks in TensorFlow using the MNIST Dataset

Passed · 100/100 points

Deadline The assignment was due on May 9, 12:29 PM IST
You can still pass this assignment before the course ends.

Opened ✓

Instructions | My submissions | Discussions

Now that you've worked through creating a basic computer vision scenario using TensorFlow to recognize fashion, you're ready to do this weeks assignment -- and that is to build a neural network that recognizes handwriting digits! You've covered everything you need to succeed, so give it a try!

To submit your Jupyter Notebook for grading, please click the `Submit Assignment` button while in the notebook.

Week 2 Quiz

Quiz • 30 min

Submit your assignment

Try again

Due May 9, 12:29 PM IST **Attempts** 3 every 8 hours

Receive grade

To Pass 80% or higher

Your grade

100%

View Feedback

We keep your highest score

Like Dislike Report an issue

Programming Assignment: Improve MNIST with convolutions

Passed · 100/100 points

Deadline The assignment was due on May 16, 12:29 PM IST
You can still pass this assignment before the course ends.

Launch Notebook!

Instructions | My submissions | Discussions

Ok, now it's time for this week's assignment. In the class, you learned how to enhance the Fashion MNIST neural network with convolutions to make it more accurate. Now it's time to revisit the handwriting MNIST dataset from last week, and see if you can enhance it with convolutions.

To submit your Jupyter Notebook for grading, please click the Submit Assignment button while in the notebook.

Week 3 Quiz

Quiz • 30 min

Submit your assignment

Try again

Due May 16, 12:29 PM IST **Attempts** 3 every 8 hours

Receive grade

To Pass 80% or higher

Your grade

100%

View Feedback

We keep your highest score

Like Dislike Report an issue

Programming Assignment: Handling Complex Images

Passed · 100/100 points

Deadline The assignment was due on May 23, 12:29 PM IST
You can still pass this assignment before the course ends.

Launch Notebook!

Instructions | My submissions | Discussions

Now it is time to create your own image classifier for complex images. See if you can create a classifier for a set of happy or sad images.

To submit your Jupyter Notebook for grading, please click the `Submit Assignment` button while in the notebook.

IMPORTANT FOR SUCCESSFUL GRADING:

- Don't forget to save your notebook before submitting!

- Don't delete cells as these include important metadata for grading.

- Fill out your solutions within the provided spaces. You can add new cells but these will be omitted by the grader.

Week 4 Quiz

Quiz • 30 min

Submit your assignment

Try again

Due May 23, 12:29 PM IST **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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