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N E W. LASH SAL 75% OFF NANODEGREE PROGRAM Intro to Machine Learning with TensorFlow Learn foundational machine learning techniques - from data manipulation to unsupervised and supervised algorithms. DOWNLOAD SYLLABUS ENROLL NOW 01 20 56 03 DAYS HRS MIN SEC

ESTIMATED TIME 3 months At 10 hrs/week

Go to Course

ENROLL BY July 14, 2021

Get access to classroom immediately on enrollment

http://www.udacity.com/course/intro-to-machine-learning-with-tensorflow-nanodegree--nd230

PREREQUISITES

Intermediate Python

See prerequisites in detail

IN COLLABORATION WITH

kaggle

aws

What You Will Learn

DOWNLOAD SYLLABUS

SYLLABUS

Intro to Machine Learning with TensorFlow

Learn foundational machine learning techniques -- from data manipulation to unsupervised and supervised algorithms in TensorFlow and scikit-learn.

Related Nanodegrees

- HIDE DETAILS

PREREQUISITE KNOWLEDGE

To optimize your chances of success in this program, we recommend intermediate Python programming knowledge and basic knowledge of probability and statistics.

Supervised Learning

In this lesson, you will learn about supervised learning, a common class of methods for model construction.

FIND DONORS FOR CHARITYML

Deep Learning

In this lesson, you will learn the foundations of neural network design and training in TensorFlow.

CREATE YOUR OWN IMAGE CLASSIFIER

Unsupervised Learning

In this lesson, you will learn to implement unsupervised learning methods for different kinds of problem domains.

CREATE CUSTOMER SEGMENTS

All Our Programs Include

Real-world projects

from industry experts

With real world projects and immersive content built in partnership with top tier companies, you'll master the tech skills companies want.

Technical mentor

support

Our knowledgeable mentors guide your learning and are focused on answering your questions, motivating you and keeping you on track.

Career services

You'll have access to resume support, Github portfolio review and LinkedIn profile optimization to help you advance your career and land a high-paying role.

Flexible learning program

Get a custom learning plan tailored to fit your busy life. Learn at your own pace and reach your personal goals on the schedule that works best for you.

Full List Of Offerings Included:

CLASS CONTENT

Content co-created with Kaggle

Real-world projects

| Project reviews | \checkmark |
|---|--------------|
| Project feedback from experienced reviewers | \checkmark |
| STUDENT SERVICES | |
| Technical mentor support NEW | \checkmark |
| Student community IMPROVED | \checkmark |
| CAREER SERVICES | |
| Resume support | \checkmark |
| Github review | \checkmark |
| Linkedin profile optimization | \checkmark |

Succeed with Personalized Services

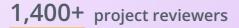
We provide services customized for your needs at every step of your learning journey to ensure your success!

Project Reviewers

Technical Mentor Support

Get timely feedback on your projects

REVIEWS BY THE NUMBERS



2.7M projects reviewed

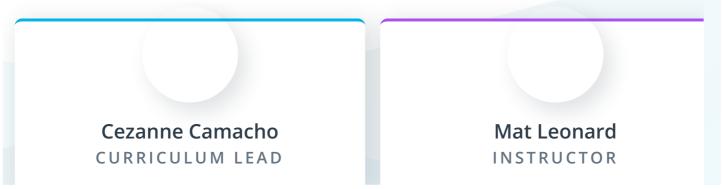
88/100 reviewer rating

1.1 hours avg project review turnaround time

REVIEWER SERVICES

- Personalized feedback
- Unlimited submissions and feedback loops
- Practical tips and industry best practices
- Additional suggested resources to improve

Learn with the best



Cezanne is a machine learning educator with a Masters in Electrical Engineering from Stanford University. As a former researcher in genomics and biomedical imaging, she's applied machine learning to medical diagnostic applications. Mat is a former physicist, research neuroscientist, and data scientist. He did his PhD and Postdoctoral Fellowship at the University of California, Berkeley.

Top Student Reviews



Mariam J.



Thanks it's going well, I really love the instructor, Luis he talks about these concepts so "matter of fact" which makes it believable and understandable. Plus the graphi...

Luke H.



It's for sure taught me a ton about the nature of supervised learning and all the things that go along with it. It's really cool to be able to understand all these things...



Intro to Machine Learning with TensorFlow

The program was very beginner-friendly at first. But towards the end, it was getting a bit hard. Another problem I would like to mention is that this nano-degree...

Dolly D.



This nanodegree is very thorough. I highly recommend it to anyone who wants to learn machine learning and get hands on experience. The projects have been made with...

Vadim M.



It's going slower than I expected but that's just that wrong expectations. Covered a lot of materials. Most of exercises are good but I would like to see more industry...

Leon T.



Udacity invited me to examine data, write code, and interpret the results that I got from my program. The course outlined steps that allowed steady progress. No...

NEXT -

GET STARTED WITH

Intro to Machine Learning with TensorFlow

LEARN

Build a strong foundation in Supervised, Unsupervised, and Deep Learning.

AVERAGE TIME

On average, successful students take 3 months to complete this program.

BENEFITS INCLUDE

- Real-world projects from industry experts
- Technical mentor support
- Career services

3 MONTHS ACCESS

₹58257

₹14565 ₹4855 per month

75% OFF COUPON APPLIED

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Start learning today! Switch to the monthly price afterwards if more time is needed.

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Intro to Machine Learning with TensorFlow

$< \bigcirc / | \bigcirc$ per month

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Start learning today! Get maximum flexibility to learn at your own pace.

Related Nanodegree Programs

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••• INTERMEDIATE