



NANODEGREE PROGRAM

Intro to Machine Learning with PyTorch

Learn foundational machine learning techniques -- from data manipulation to unsupervised and supervised algorithms.

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ENROLL NOW

01
DAYS

20
HRS

49
MIN

57
SEC



ESTIMATED TIME

3 months

At 10 hrs/week

Go to course

ENROLL BY

July 14, 2021

Get access to the classroom immediately upon enrollment

PREREQUISITES

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Intermediate Python[See prerequisites in detail](#)

IN COLLABORATION WITH



What You Will Learn

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SYLLABUS

Intro to Machine Learning with PyTorch

[- 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. [See detailed requirements.](#)

- **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'll learn the foundations of neural network design and training in PyTorch.

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



Real-world projects	✓
Project reviews	✓
Project feedback from experienced reviewers	✓
STUDENT SERVICES	
Technical mentor support NEW	✓
Student community IMPROVED	✓
CAREER SERVICES	
Resume support	✓
Github review	✓
Linkedin profile optimization	✓

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

1,400+ project reviewers

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 Camacho

CURRICULUM LEAD

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 Leonard

INSTRUCTOR

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

4.7  (400)

Luis D.



This program so far has exceeded my expectations. First, access to mentors that readily answers questions is so valuable. When learning a new topic it is so easy to get...

Balazs David S.



Made me realize that my math skills are as rusty as I should have expected :D Good explanations! Something feels a little weird: Speaking as a SW engineer, it feels like...

ILSEOB C.

The quality of the project and review was so higher than I expected. I have already taken a couple of nano degree programs in Udacity, this time I was so excited and...

Kaan M.

For now, I have finished the machine learning part, which is the first part of the course. First of all, the language of expression was very explanatory, simple and well...

Kim Stephen H.

The schedule is aggressive. There is a lot of math to consume and apply. I don't see how others move so quickly unless they skip the math. The math / concept is...

Shomari M.

This course has served as a great intro into machine learning. Just enough background knowledge to have a reasonable understanding of the intuitions that inform k...

NEXT →

GET STARTED WITH

Intro to Machine Learning with PyTorch

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****ENROLL NOW**

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

PAY AS YOU GO

~~₹22849~~

₹5713 per month

75% OFF COUPON APPLIED

ENROLL NOW

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

Program Details

PROGRAM OVERVIEW - WHY SHOULD I TAKE THIS PROGRAM?

Why should I enroll?

Machine learning is changing countless industries, from health care to finance to market predictions. Currently, the demand for machine learning engineers far exceeds the supply. In this program, you'll apply machine learning techniques to a variety of real-world tasks, such as customer segmentation and image classification. This program is designed to teach you foundational machine learning skills that data scientists and machine learning engineers use day-to-day.