



NEW!

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  
DAYS

20  
HRS

03  
MIN

56  
SEC



### ESTIMATED TIME

3 months

At 10 hrs/week

## Go to Course

### ENROLL BY

July 14, 2021

Get access to classroom immediately on enrollment

### PREREQUISITES

## PREREQUISITES

**Intermediate Python**[See prerequisites in detail](#)

IN COLLABORATION WITH



# 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**

## 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



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

**Mat Leonard**  
INSTRUCTOR

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

4.7  (350)

**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...

**E B.**



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**

ENROLL NOW

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

## PAY AS YOU GO

~~₹22849~~

₹5710

₹5 / 15 per month

**75% OFF COUPON APPLIED**

**ENROLL NOW**

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

## Related Nanodegree Programs

### Data Structures and Algorithms

#### NANODEGREE PROGRAM

Get hands-on practice with over 100 data structures and algorithm exercises and technical mentor support when needed to help prepare you for interviews and on-the-job scenarios.

●●○ INTERMEDIATE