

# Machine Learning Engineer Learning Pathway

INTRODUCTORY

AI Programming with Python

NANODEGREE PROGRAM

25+ Skills, including:

- ✓ Python
- ✓ Linear Algebra
- ✓ Calculus
- ✓ Transformer Neural Networks with Pytorch
- ✓ Image Classification

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CORE

Introduction to ML with TensorFlow

NANODEGREE PROGRAM

30+ Skills, including:

- ✓ Supervised learning
- ✓ Training Neural Networks
- ✓ TensorFlow library
- ✓ Scikit-learn Python library
- ✓ Unsupervised Learning

If you have intermediate python experience, we recommend skipping AI Programming with Python.

[Choosing between TensorFlow and PyTorch](#)

## Where do I go from here?

Take what you've learned and expand your knowledge.

ML DevOps

NANODEGREE PROGRAM

AI Trading Strategies

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Ethical AI

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Generative AI

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Nanodegree programs

350

courses

2,500

skills