

# Goal to become a Machine Learning Engineer recommend the following courses.

## **Time**: 4 months

### Study 10 hrs/week and complete in 4 mo.

**What you'll do** as a Machine Learning Engineer:

* Implement systems to power data-driven applications like recommender systems.
* Learn data structures and algorithms, software engineering, and deep learning.
* Earn around $115k per year, depending on your location, experience, and company.

Machine Learning Engineer Prerequisite • 6 Courses

Brush up on core data structures and algorithms with algorithmic challenges. Write efficient code for machine learning systems. Prior knowledge of probability, statistics, and Python is required.

In Progress

Part of Data Structures and Algorithms Specialization • University of California, San Diego, National Research University Higher School of Economics

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Machine Learning Engineer Beginner • 6 Courses

Explore foundational machine learning in depth, then progress to applied machine learning, text mining, and network analysis using PyData libraries. Prior knowledge of Python programming is required.

Stanford University

Part of Applied Data Science with Python Specialization • University of Michigan

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Part of Applied Data Science with Python Specialization • University of Michigan

Machine Learning Engineer Intermediate • 4 Courses

Implement machine learning in Python algorithms and case studies. Learn Big Data tools and applications Prior knowledge of topics in the Machine Learning Engineer - Beginner is recommended.

Part of Machine Learning Specialization • University of Washington

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Part of Machine Learning Specialization • University of Washington

Part of Machine Learning Specialization • University of Washington

Machine Learning Engineer Advanced • 4 Courses

Master the foundations of deep learning: build neural networks and successfully structure and lead machine learning projects from AI leaders. Prior knowledge of Python programming is required.

Part of Deep Learning Specialization • deeplearning.ai

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Part of Deep Learning Specialization • deeplearning.ai

Part of Deep Learning Specialization • deeplearning.ai

Machine Learning Engineer Electives • 13 Courses

Build and deploy machine learning systems with Google Cloud Platform. Explore recommender systems and probabilistic graphical models. Prior knowledge required and varies by content.

Part of Data Engineering on Google Cloud Platform Specialization • Google Cloud

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Part of Recommender Systems Specialization • University of Minnesota

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Part of Recommender Systems Specialization • University of Minnesota

Part of Probabilistic Graphical Models Specialization • Stanford University

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