Machine Learning Crash Course

with TensorFlow APIs

(https://developers.google.cn/machine-learning/crash-course/ml-intro)

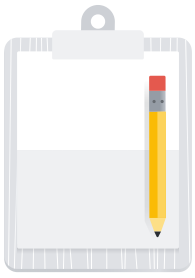
Google's fast-paced, practical introduction to machine learning

Start Crash Course (https://developers.google.cn/machine-learning/crash-course/ml-intro)

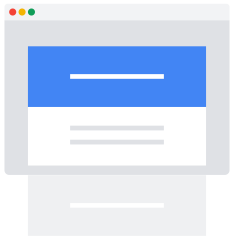
View prerequisites (https://developers.google.cn/machine-learning/crash-course/prereqs-and-prework)

A self-study guide for aspiring machine learning practitioners

Machine Learning Crash Course features a series of lessons with video lectures, real-world case studies, and hands-on practice exercises.

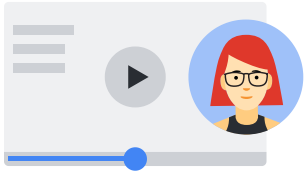


30+ exercises



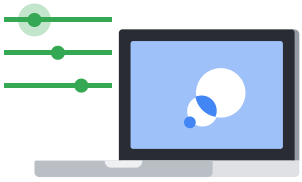
25 lessons

15 hours



Lectures from Google researchers

Real-world case studies



Interactive visualizations of algorithms in action

Some of the questions answered in this course

Learn best practices from Google experts on key machine learning concepts.

How does machine learning differ from traditional programming?

What is loss, and how do I measure it?

How does gradient descent work?

How do I determine whether my model is effective?

How do I represent my data so that a program can learn from it?

How do I build a deep neural network?

Ready to start practicing machine learning? (https://developers.google.cn/machine-learning/crash-course/ml-intro)

Learn and apply fundamental machine learning concepts with the Crash Course, get real-world experience with the companion Kaggle competition, or visit Learn with Google AI to explore the full library of training resources.

Start Crash Course (https://developers.google.cn/machine-learning/crash-course/ml-intro)

Learn with Google AI (https://ai.google/education)