



10 门独立课程

What is Data Science?

Tools for Data Science

Data Science Methodology

Python for Data Science, AI & Development

Python Project for Data Science

Databases and SQL for Data Science with Python

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

Applied Data Science Capstone



Oct 27, 2022

QINGTIAN FENG

has successfully completed the online, non-credit Professional Certificate

IBM Data Science

In this Professional Certificate, learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills.

Rav Ahuja
AI & Data Science
Program Director
IBM Skills Network

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
<https://coursera.org/verify/professional-cert/36DYTWEPHLF9>



5 门独立课程

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models



Oct 22, 2022

QINGTIAN FENG

已经完成了网络非学分专项课程

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda
Mourri
Instructor of AI,
Stanford University

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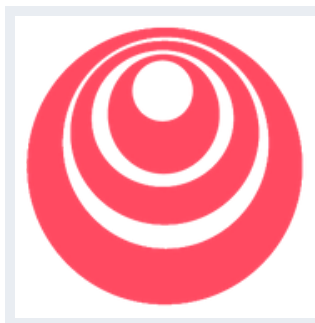


3 门独立课程

Supervised Machine Learning: Regression and Classification

Advanced Learning Algorithms

Unsupervised Learning, Recommenders, Reinforcement Learning



Aug 28, 2022

QINGTIAN FENG

已经完成了网络非学分专项课程

Machine Learning

Congratulations on completing all three courses of the Machine Learning Specialization! You studied modern machine learning concepts, including supervised learning (linear regression, logistic regression, neural networks, decision trees), unsupervised learning (clustering, anomaly detection), recommender systems, and reinforcement learning. You learned some of the best practices for building machine learning models. You've also gained practical skills to apply machine learning techniques to challenging real-world problems. Now #BreakIntoAI and start building your career in machine learning!

Andrew Ng, Instructor,
DeepLearning.AI
Eddy Shyu, Curriculum
Architect,
DeepLearning.AI
Aarti Bagul and Geoff
Ladwig, Curriculum
Engineers,
DeepLearning.AI

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<https://coursera.org/verify/specialization/BSBPBMRMR2DP>

Imperial College
London

Aug 14, 2022

QINGTIAN FENG

通过了课程

Mathematics for Machine Learning: Linear Algebra

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David Dye, Samuel J. Cooper, and A. Freddie Page

COURSE
CERTIFICATE



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<https://coursera.org/verify/WM2R6Q4GYFLZ>

参加该课程学习者的身份已经通过了 Coursera 的认证。

Imperial College
London

Oct 10, 2022

QINGTIAN FENG

通过了课程

Mathematics for Machine Learning: Multivariate
Calculus

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David Dye, Samuel J. Cooper, and A. Freddie Page

COURSE
CERTIFICATE



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参加该课程学习者的身份已经通过了 Coursera 的认证。