4 Courses

Machine Learning Foundations: A Case Study Approach

Machine Learning: Regression

Machine Learning: Classification

Machine Learning: Clustering & Retrieval

Oct 18, 2020

Animesh Mishra

has successfully completed the online, non-credit Specialization

Machine Learning

Congratulations! This Certificate establishes that you have demonstrated proficiency in the exciting, high demand field of Machine Learning through rigorous online coursework from leading Machine Learning researchers at the University of Washington. Through a series of practical case studies, you gained applied experience in major areas of Machine Learning including Prediction, Classification, Clustering, and Information Retrieval. You learned to analyze large and complex datasets, create systems that adapt and improve over time, and build intelligent applications that can make predictions from data. Take pride in your accomplishment and welcome to the global Machine Learning community.

Emily Fox, Amazon Professor of Machine Learning, Statistics
Carlos Guestrin, Amazon Professor of Machine Learning, Computer Science and Engineering

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Director
Shivajirao Kadam Institute of Technology & Management - Technical Campus, INDORE

SKILLS YOU WILL GAIN

Data Clustering Algorithms · Machine Learning · Classification Algorithms · Decision Tree
Python Programming · Machine Learning Concepts · Deep Learning · Linear Regression
Ridge Regression · Neural Networks · Regression Analysis · Logistic Regression

About this Specialization

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This Specialization from leading researchers at the University of Washington introduces you to the exciting, high-demand field of Machine Learning. Through a series of practical case studies, you will gain applied experience in major areas of Machine Learning including Prediction, Classification, Clustering, and Information Retrieval. You will learn to analyze large and complex datasets, create systems that adapt and improve over time, and build intelligent applications that can make predictions from data.

Applied Learning Project

Learners will implement and apply predictive, classification, clustering, and information retrieval machine learning algorithms to real datasets through each course in the specialization. They will be working with applied machine learning and Python programming experience.

Shareable Certificate
Earn a Certificate upon completion

100% online courses
Start instantly and learn at your own schedule

Flexible Schedule
Set and maintain flexible deadlines

Intermediate Level
Some related experience required

Approximately 7 months to complete
Suggested pace of 5 hours/week

English
Subtitles: English, Arabic, French, Portuguese (European), Chinese (Simplified), Italian, Vietnamese, Korean, German, Russian, Chinese (Traditional)

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