MLSD

Machine Learning for Software Developers

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MLSD - Version: 2

🕐 2 days Course

Description:

Machine learning expands the boundaries of what's possible by letting software accomplish tasks that can't be accomplished algorithmically. In this 2-day hands-on workshop, learn the fundamentals of machine learning from a software developer's perspective and learn how to use it to build and operationalize sophisticated predictive models. You'll learn about clustering, regression, classification, Support Vector Machines, Principal Component Analysis, recommender systems, and more, and you'll do it with Scikit-learn, the world's most popular machine-learning library. You'll also see examples of machine learning in action, train models of your own to perform tasks such as facial recognition and fraud detection, and go away with lots of sample code to kick-start your next project..

Intended audience:

Software Developers

Prerequisites:

Objectives:

Expanding the boundaries of what's possible by letting software accomplish tasks that can't be accomplished algorithmically.

Topics:

º Introduction to Machine Learning

º Regression Models

º Classification Models

º Text Classification

º Support-Vector Machines

º Principal Component Analysis

º Operationalizing Machine-Learning Models