Mindluster Platform

About the course Python machine learning from scratch

Course Presenter : Data School

Python machine learning from scratch, in this course we will learn about implementing core machine learning algorithms using Python, without relying on high-level libraries like scikit-learn or TensorFlow. You'll build a solid foundation by coding algorithms such as linear regression, logistic regression, decision trees, k-nearest neighbors, and k-means clustering entirely from scratch. Through this hands-on approach, you'll gain deep insight into how these algorithms work under the hood, including concepts like gradient descent, loss functions, model evaluation, and data preprocessing. The course emphasizes mathematical understanding and Python implementation, helping you strengthen both your coding and analytical skills. By the end of the course, youâ€™ll have developed your own machine learning library and be equipped to create and explain ML models from first principles. Basic Python and math knowledge are required. This course is ideal for anyone looking to truly master machine learning fundamentals. Data School

Programming Category's Courses

Course Lesson(6)

Lesson 1 : **Making sense of the confusion matrix**

Lesson 2 : **ROC Curves and Area Under the Curve AUC Explained**

Lesson 3 : **How do I select features for Machine Learning**

Lesson 4 : **Allstate Purchase Prediction Challenge on Kaggle**

Lesson 5 : **Getting started with machine learning in Python webcast**

Lesson 6 : **Q A about Machine Learning with Text online course**

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