Mindluster Platform

About the course Machine learning in python

Course Presenter : Data School

Machine learning in python, in this course we will learn about machine learning in Python, covering both theory and practical implementation. We will explore supervised and unsupervised learning, classification, regression, clustering, and dimensionality reduction using powerful Python libraries such as scikit-learn, pandas, NumPy, and Matplotlib. You will gain hands-on experience in preparing datasets, training models, evaluating performance, and improving accuracy using techniques like cross-validation and hyperparameter tuning. Whether you are predicting outcomes, discovering patterns, or building smart applications, this course will guide you through the core concepts and help you apply them effectively. By the end, you'll be able to build machine learning models from scratch, interpret their outputs, and deploy your solutions confidently in real-world scenarios. No prior ML experience neededâ€”just basic Python knowledge. Data School

Programming Category's Courses

Course Lesson(11)

Lesson 1 : **What is machine learning and how does it work**

Lesson 2 : **Setting up Python for machine learning scikit learn and Jupyter Notebook**

Lesson 3 : **Getting started in scikit learn with the famous iris dataset**

Lesson 4 : **Training a machine learning model with scikit learn**

Lesson 5 : **Comparing machine learning models in scikit learn**

Lesson 6 : **Data science in Python pandas seaborn scikit learn**

Lesson 7 : **Selecting the best model in scikit learn using cross validation**

Lesson 8 : **How to find the best model parameters in scikit learn**

Lesson 9 : **How to evaluate a classifier in scikit learn**

Lesson 10 : **How do I encode categorical features using scikit learn**

Lesson 11 : **Machine Learning with Text in scikit learn PyCon 2016**

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Python programming language

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