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Machine Learning Syllabus

Visit Our Official website : www.mtechnologies.org



1 .Machine Learning with Python

Home

Basics

Python Ecosystem

Methods for Machine Learning

Data Loading for ML Projects

Understanding Data with Statistics

Understanding Data with Visualization

Preparing Data

Data Feature Selection

2.ML Algorithms – Classification

Introduction

Logistic Regression

Support Vector Machine(SVM)

Decision Tree

Naïve Bayes

Random Forest

ML Algorithms – Regression

Overview

Linear Regression

3.ML Algorithms – Clustering

Overview

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K-Means Algorithm

Mean Shift Algorithm

Hierarchical Clustering

4.ML Algorithms – KNN Algorithm

Finding Nearest Neighbors

Performance Metrics

Automatic Workflows

Improving Performance of ML Models

