

Machine Learning

 Duration: 4 Days

 Available Languages: English

Audience

Software developers who work on data analysis and intelligence software/system development.

Precondition

Good understanding of mathematics, good knowledge of at least one programming language.

Goals

Know the fundamentals of machine learning and popular machine learning algorithms.

Contents

- Introduction
 - # Hypothesis space
 - # Inductive bias
 - # Evaluation
 - # Cross-validation
- Learning types
 - # Supervised learning
 - # Unsupervised learning
 - # Reinforcement learning
- Classification
 - # Probabilistic classification
- Regression
 - # Linear regression
 - # Logistic regression
- Neural network
 - # Perception
 - # Multilayer network
 - # Backpropagation
- Clustering
 - # K-means
 - # Adaptive hierarchical clustering
 - # Gaussian mixture model
- Density estimation
 - # Maximum likelihood
- Dimensionality reduction

Feature extraction

Booking

Contact Siddhesh Nikude, +91-95-52572354, training@nelkinda.com