

Introduction to Machine Learning

Machine learning is a field of artificial intelligence that uses algorithms to learn patterns from data and make predictions or decisions.

Supervised vs Unsupervised Learning

Supervised learning uses labeled data with input-output pairs to train models.

Unsupervised learning works with unlabeled data and finds hidden patterns or clusters.

For example, supervised learning can classify emails as spam or not spam, while unsupervised learning can group customers by purchasing behavior.