

Machine Learning and Artificial Intelligence

This document discusses machine learning algorithms and their applications.

Deep learning is a subset of machine learning that uses neural networks.

Natural language processing enables computers to understand human language.

Computer vision allows machines to interpret visual information.

Python Programming for Data Science

Python is widely used in data science and machine learning projects.

Libraries like scikit-learn, TensorFlow, and PyTorch are popular.

Data preprocessing is crucial for building effective models.

Feature engineering can significantly improve model performance.