Introduction to Data Science

Data science involves collecting, analyzing, and interpreting data. It is widely used in business, healthcare, and finance.

Machine Learning Basics

Machine learning is a subset of AI. It allows systems to learn from data and improve over time. For more, refer to the 'Applications of Machine Learning' section.

Applications of Machine Learning

Common applications include recommendation systems, image recognition, and fraud detection.

Challenges in Machine Learning

Some challenges include overfitting, data bias, and lack of interpretability. These should be addressed when designing ML systems.