

AI Interview Preparation Notes

These notes cover essential AI and machine learning concepts frequently asked in interviews.

1. Machine Learning Basics

Machine learning enables systems to learn patterns from data.

- Supervised learning
- Unsupervised learning
- Reinforcement learning

2. Deep Learning

Deep learning uses neural networks with multiple layers.

- CNNs for image tasks
- RNNs and Transformers for sequence data
- Backpropagation for training

3. Generative AI

Generative models create new content.

- LLMs
- Diffusion models
- RAG systems