

Discussion Questions: Introduction to AI & ML

1. AI vs. ML – What's the Difference?

Question:

What is the key difference between Artificial Intelligence (AI) and Machine Learning (ML), and why is it important to distinguish between them?

2. Narrow AI in Everyday Life

Question:

Provide an example of Narrow AI you use daily, and explain why it is classified as Narrow AI.

3. Ethical Concerns in ML Healthcare Applications

Question:

In a healthcare setting, ML is used to detect diabetic retinopathy. What ethical concerns arise from deploying such models, and how can they be addressed?

4. Why is Data Preparation Important in ML?

Question:

Why is data preparation (cleaning, transforming, and splitting) considered crucial in machine learning?

5. Real-World Reinforcement Learning Analogy

Question:

Reinforcement learning involves agents learning by receiving rewards from their actions. Can you relate this concept to a real-world non-technical scenario?
