

## What is Machine Learning (ML)?

- **Definition:**

Machine Learning (ML) is a branch of **Artificial Intelligence (AI)** that allows computers to **learn from data** and make decisions or predictions.

- Instead of giving step-by-step instructions, we **teach computers by examples**.
- The computer **learns patterns** from the data and applies them to new situations.

- **Examples in daily life:**

1. **Netflix recommendations:** Suggesting movies based on what you've watched.
2. **Email spam filters:** Detecting which emails are spam.

