

Machine learning (ML) is a type of artificial intelligence (AI) that allows computers to learn without being explicitly programmed. Here's a breakdown of what ML is:

- **Focuses on data and algorithms:** ML algorithms are trained on large amounts of data to identify patterns and make predictions on new data.
- **Learning from experience:** Unlike traditional programming with predefined rules, ML models improve their accuracy through experience with more data.
- **Wide range of applications:** Machine learning is used in many fields like healthcare, finance, and entertainment for tasks like
  - Spam filtering in emails
  - Recommending products on shopping websites
  - Analyzing medical images for disease detection

I hope this explanation clarifies what ML is! If you'd like to delve deeper into how ML works or specific applications, feel free to ask.