# AI-ML Virtual Internship

*by*

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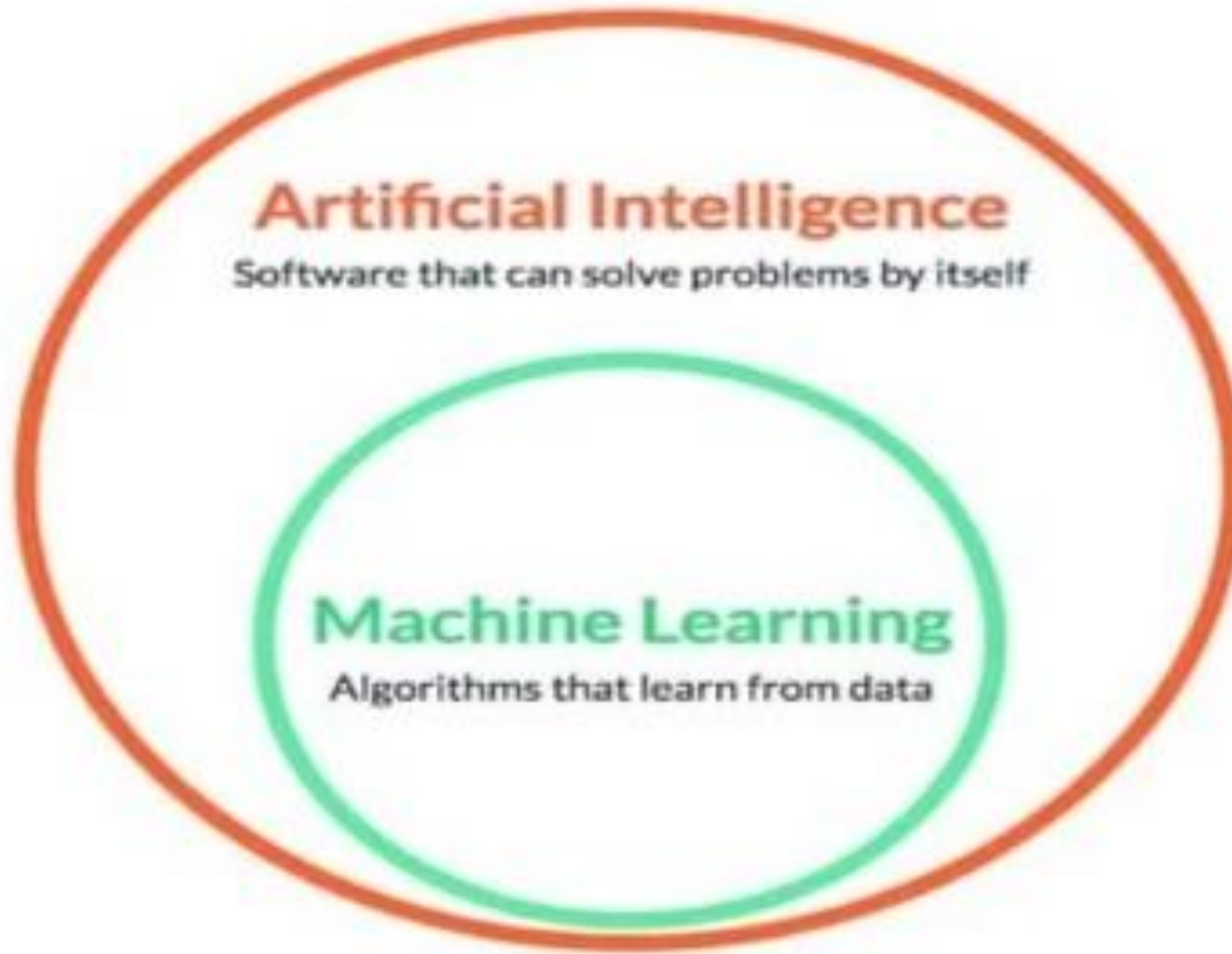- Learning Outcomes
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# CERTIFICATE

# Introduction

- Machine learning is a subfield of AI. Machine learning is an AI application that enables computers to learn from experience and improve the performance of specific tasks. It allows computers to analyze data and use statistical techniques to learn from that data to improve their ability to perform a given task

## Artificial intelligence

- Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think and learn like humans, enabling them to perform tasks that typically require human intelligence, such as visual perception, speech recognition , decision-making, and problem solving

## Machine Learning

- Machine learning is an application of AI. It's the process of using mathematical models of data to help a computer learn without direct instruction. This enables a computer system to continue learning and improving on its own, based on experience.

# Description

❖AI for Machine Learning (AI ML) is a field that focuses on using artificial intelligence techniques to develop and train machine learning models. It involves applying algorithms and statistical methods to analyze and interpret data, identify patterns, and make predictions or decisions.

❖AI ML is used in various domains, such as image recognition, natural language processing, recommendation systems, and autonomous vehicles. The goal is to create intelligent systems that can learn from data and improve their performance over time.

❖Artificial intelligence is the simulation of human intelligence process by machines, especially the computer system

# Learning Outcomes

- Design and develop symbiotic human–AI systems that balance the information processing power of computational systems with human intelligence and decision making.

- AI and ML course aims to indulge knowledge in not only the core technologies such as artificial intelligence, data mining and data modelling.

- Machine Learning and Artificial Intelligence while preparing the students to analyze, design and experiment solutions to problems.

# Conclusion

- AIML is an exciting field that teaches computers to learn from data and improve their performance.it involves understanding algorithms, data preprocessing, and different machine learning techniques.

- By applying AIML to real-world problems, we can enhance critical thinking and problem-solving skills. AIML continues to shape of future of technology.

# THANK YOU