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Type: **20-minute talk**

Introduction to Machine Learning

Wednesday, 26 April 2023 09:20 (20 minutes)

Machine Learning is a field of study that uses advanced algorithms and mathematical models to enable computers or machines to learn from data and make predictions or decisions without being explicitly programmed. In ML, data is used as a basis for training algorithms or models, which then analyze the data and identify patterns or relationships within it. These patterns are used to make predictions or decisions when presented with new, unseen data.

For example, imagine you have a dataset of temperature measurements over time, and you want to predict the temperature for a future date. You can use ML algorithms to analyze the historical data, identify patterns in temperature changes, and create a model that can predict future temperatures based on those patterns.

Machine Learning is used in various applications, such as image and speech recognition, autonomous vehicles, predictive analytics, and many more.

Please select if talk will be in person or on zoom

In person

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Session Classification: Plenary Session

Track Classification: AI/ML