



UNIVERSITY
NAME

Understanding Artificial Intelligence

A seminar on the basics of AI and generative AI

PRESENTER NAME

JANUARY 31, 2030

Content

Artificial Intelligence (AI)

- What is AI?
- The evolution of AI
- The current state of AI
- Real-world applications of AI
- Challenges and risks of AI

Generative AI (Gen AI)

- What is generative AI?
- How generative AI works
- Examples of generative AI tools

Introduction

Help the audience understand how the four key terms relate to each other

ARTIFICIAL INTELLIGENCE
(AI)

MACHINE LEARNING

DEEP LEARNING

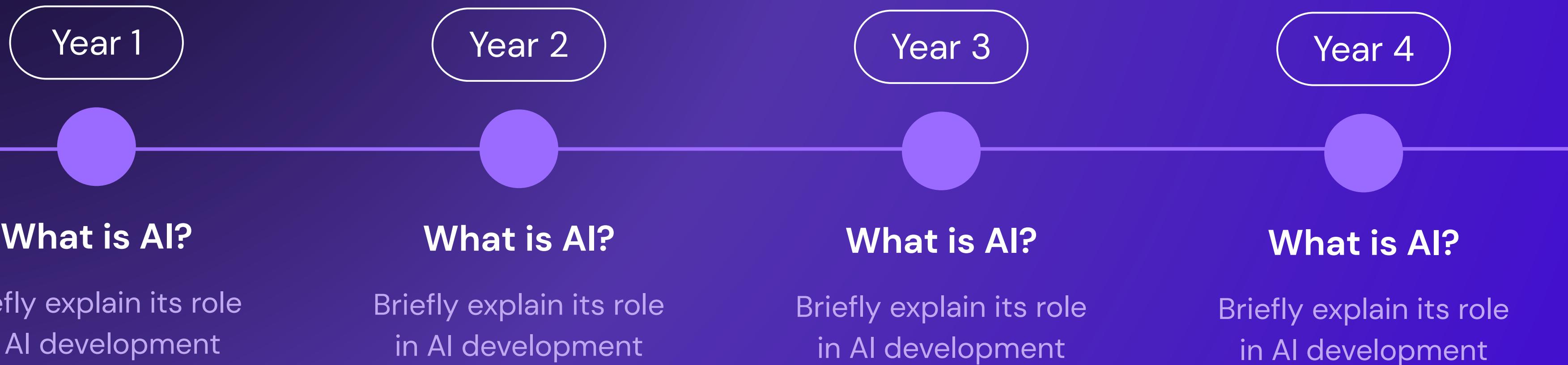
GENERATIVE AI
(GEN AI)

What is AI?

Define artificial intelligence (AI). Highlight how it relates to machines simulating human intelligence, like learning, problem-solving, and understanding language

The evolution of AI

Show how artificial intelligence has evolved



Current state of AI

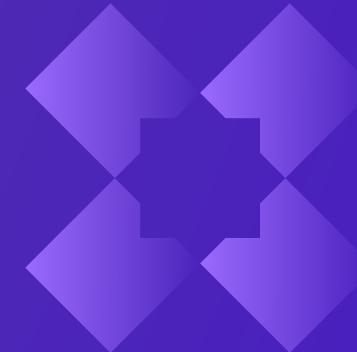
Identify the current strengths and weaknesses of today's AI systems



Capabilities

List the tasks AI can do well:

- Capability 1
- Capability 2
- Capability 3

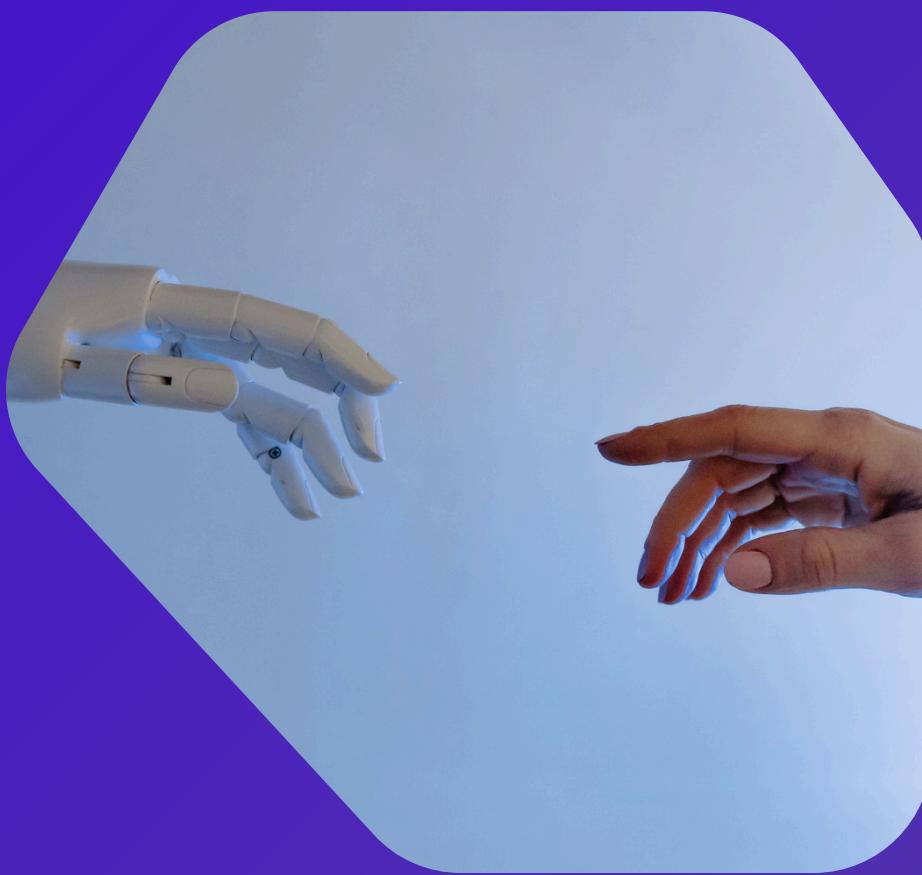


Limitations

List the tasks AI struggles with:

- Limitation 1
- Limitation 2
- Limitation 3

Real-world applications of AI



Fraud detection

Explain how AI helps spot unusual activity, such as fake transactions or identity theft



Customer support

Describe how AI is used in chatbots or virtual agents to assist users 24/7



Personalized marketing

Explain how AI helps businesses recommend products based on user behavior

Challenges and risks of AI

Briefly explain the new challenges and risks that come with AI systems



Data risks

Explain that AI systems depend on large datasets which can be tampered with

Model risks

Highlight how the AI model can be a target, affecting its performance

Operational risks

Describe issues like decreased accuracy, increased bias, and lack of oversight

Generative AI



What is generative AI?

Introduce the concept of generative AI.
Highlight that it refers to AI models that
can create new content

How generative AI works

Provide an overview of how AI learns, adapts, and generates content

Phase 1

Training

Elaborate on what
you want to discuss

Phase 2

Tuning

Elaborate on what
you want to discuss

Phase 3

Generation & Iteration

Elaborate on what
you want to discuss

Examples of generative AI tools



Tool 1

Describe what the tool can create and who might use it.



Tool 2

Describe what the tool can create and who might use it.



Tool 3

Describe what the tool can create and who might use it.

Looking ahead: A future with AI

How will AI change the way you study, teach, or work in the next five years?

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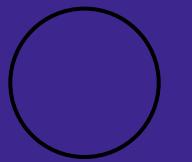
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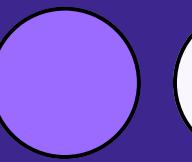
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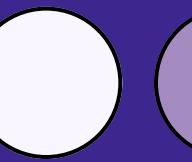
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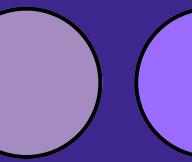
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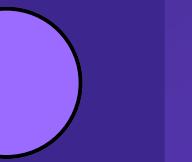
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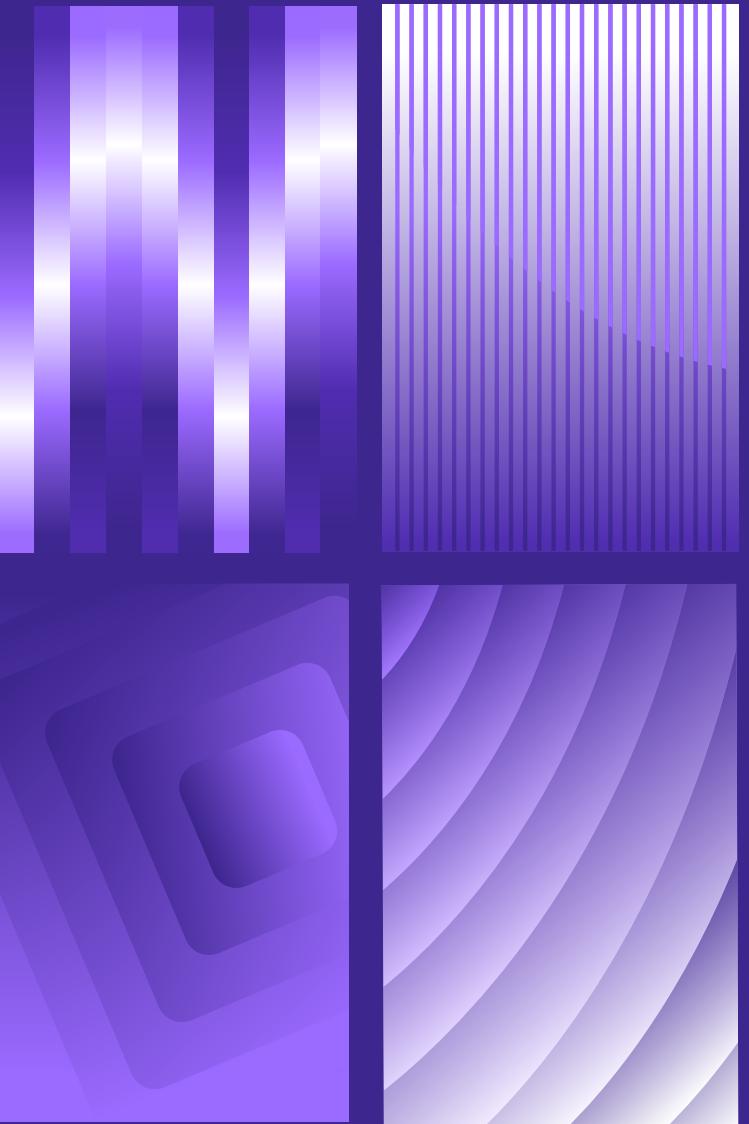


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