



AI and You!

(BTW - You're still
smarter...)

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Agenda



Introduction

What AI is NOT

Types of AI you may see in the wild (and where to find them)

Demonstrations: AI in Action

Applications and Risks of AI



Introduction

Who am I?

Teacher

Researcher

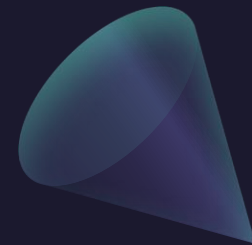
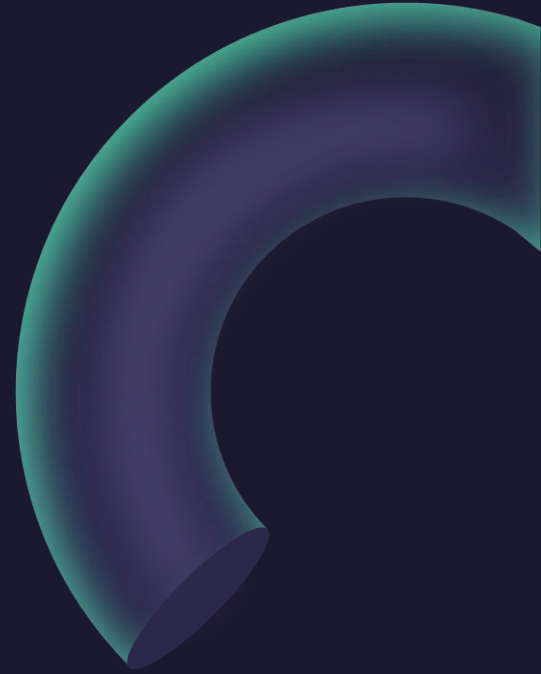
Author

World Traveler

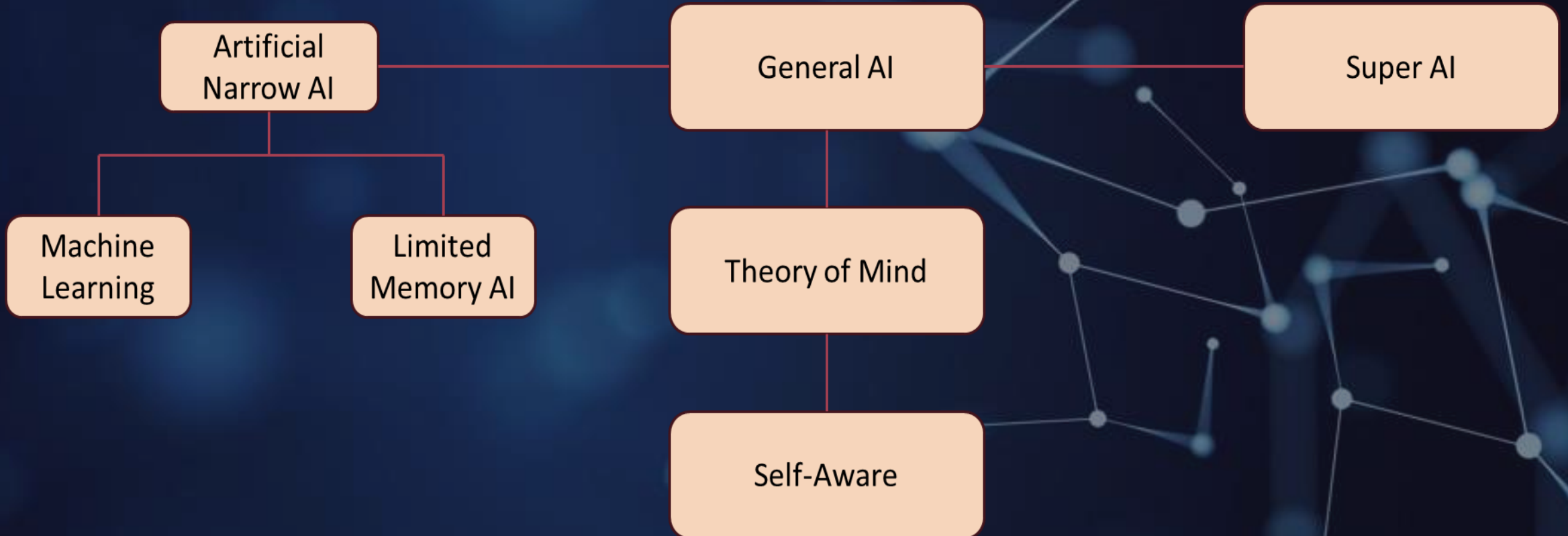


What AI is NOT

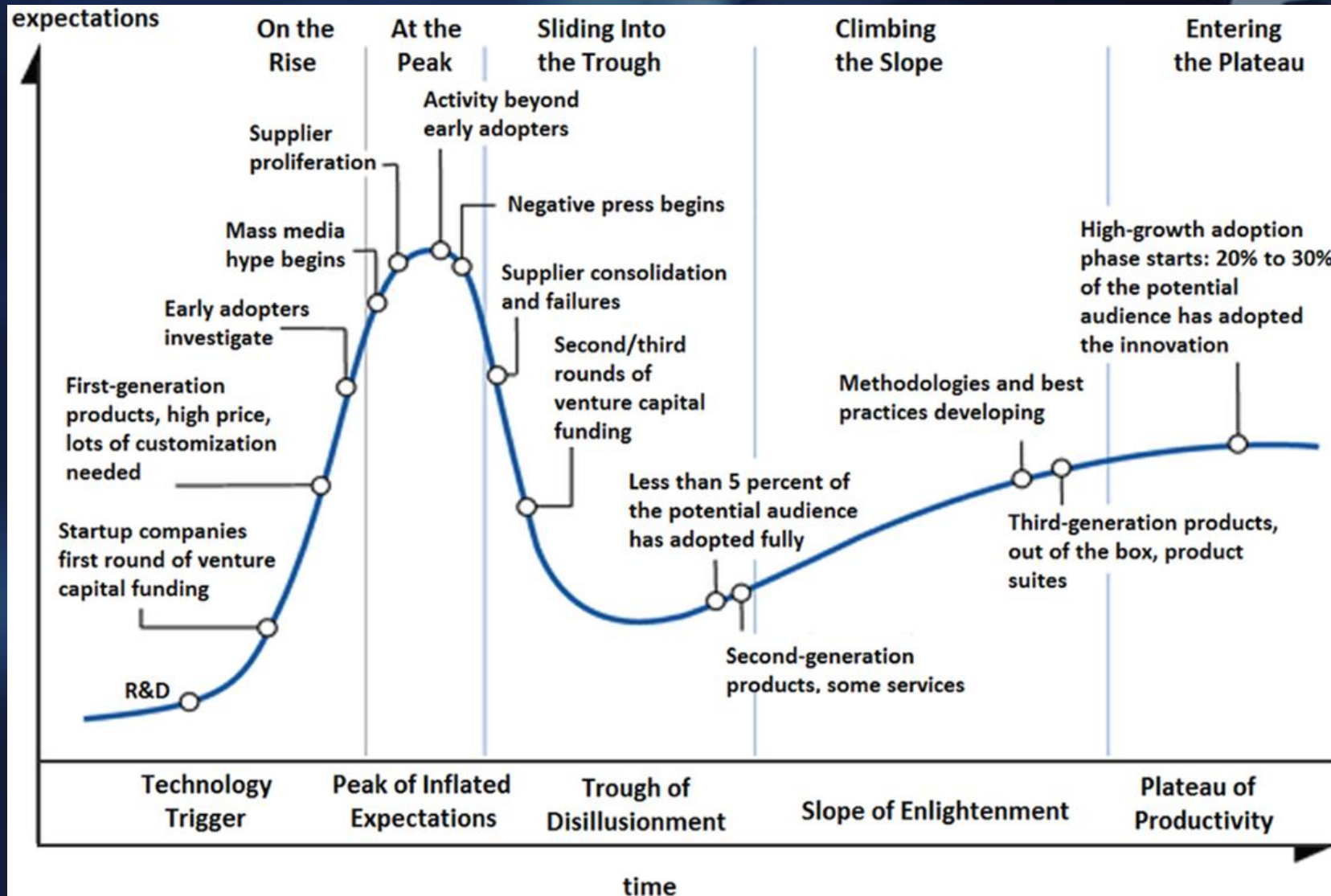
- AI is NOT a replacement for human judgement
 - It may be able to capture facts, but not your unique perspective
- AI is NOT always accurate
 - Hallucinations are common
 - It can only draw conclusions based on the data and time frame that was used to train it
- AI is NOT without ethical considerations
 - Responsibility in both training and use of AI is paramount
- AI is NOT yet at the peak of its potential
 - Say tuned, because things continue to develop rapidly



THE AI LANDSCAPE - CAPABILITIES



THE AI LANDSCAPE – MARKET FORCES





Generative AI: Allow me to Demonstrate!

Generating Intelligent Text Responses

➤ Chat GPT

Generating Images Based on Descriptions

➤ DALL • E



Current and Future Applications of AI



Category	Examples
Business	Fraud Detection, Inventory Management, On-Device Assistant
Education	Adaptive Instruction, Ability Assessment, Tutoring
Medicine	Triage, Diagnoses, Disease Progression Forecasting
Transportation	Logistics, Self-Piloted Vehicles, Capacity Management
Government	Policy Impact Forecasting, Military Applications

Risks of AI

1. Discrimination & Toxicity

2. Privacy & security

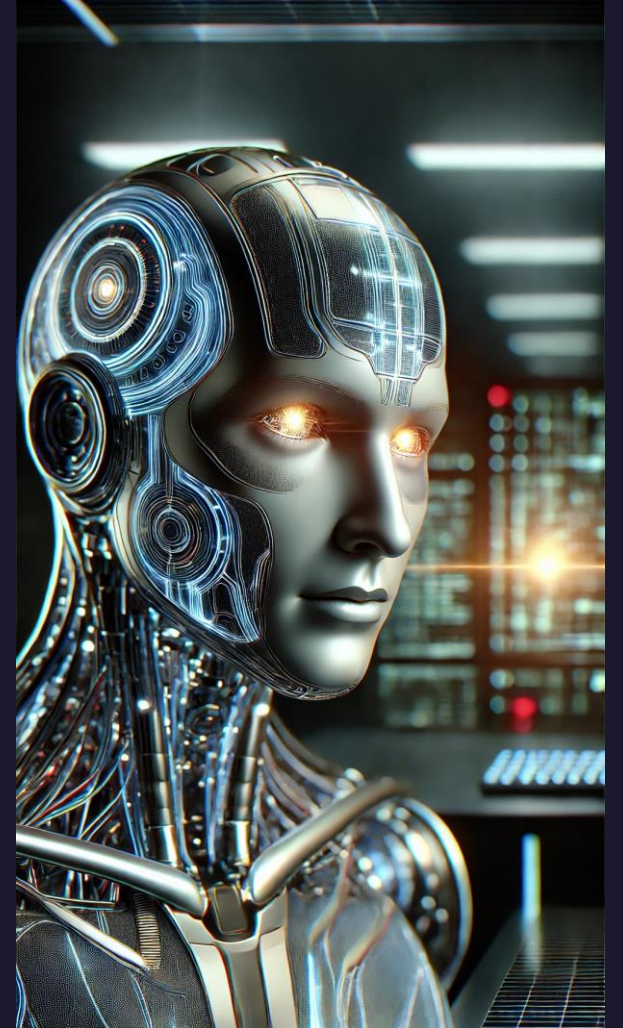
3. Misinformation

4. Malicious actors & misuse

5. Human-computer interaction

6. Socioeconomic & environmental harms

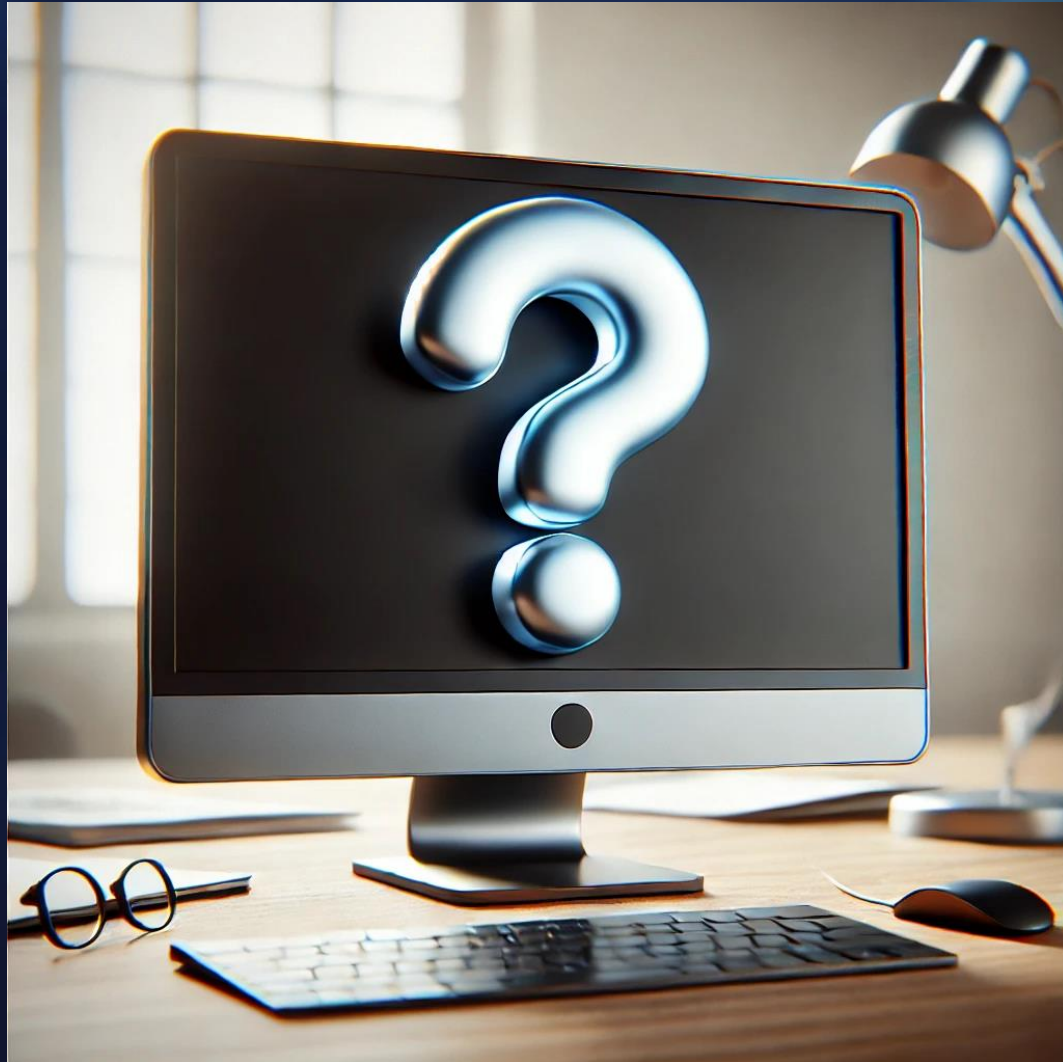
7. AI system safety, failures and limitations



The AI Singularity

- The point when AI intelligence surpasses human intelligence, leading to machines that can outthink and outnumber us.
- Futurist Ray Kurzweil projects that:
 - Machines could surpass human intelligence by 2029
 - Humans and computers could merge by 2045
- Others, such as Jeff Hawkins, doubt that a singularity will ever occur
- Are we due for our own 'Butlerian Jihad?'

QUESTIONS? – LET'S DISCUSS





Thank you

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