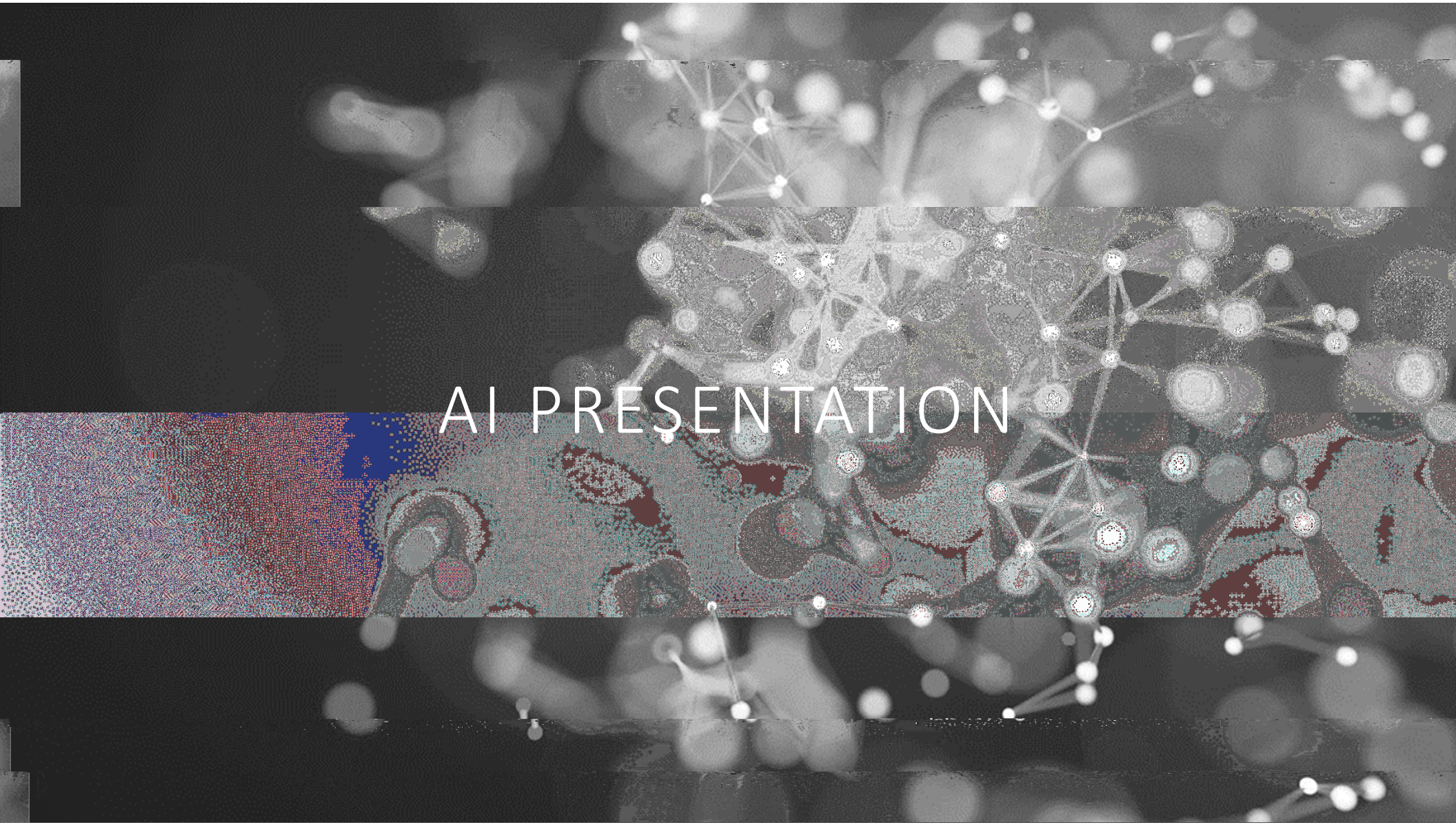
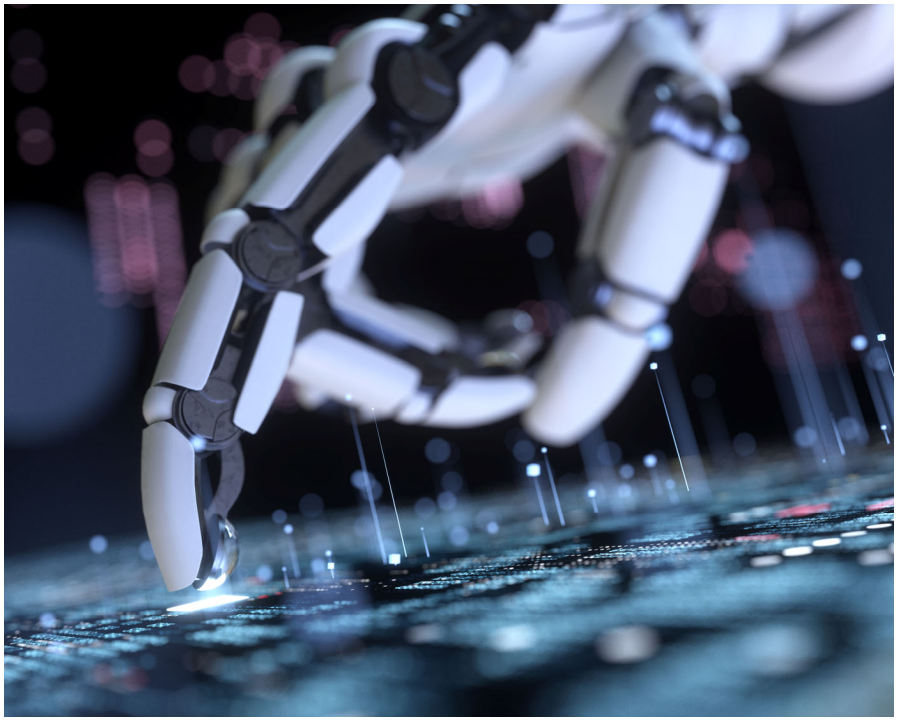

AI PRESENTATION

AGENDA



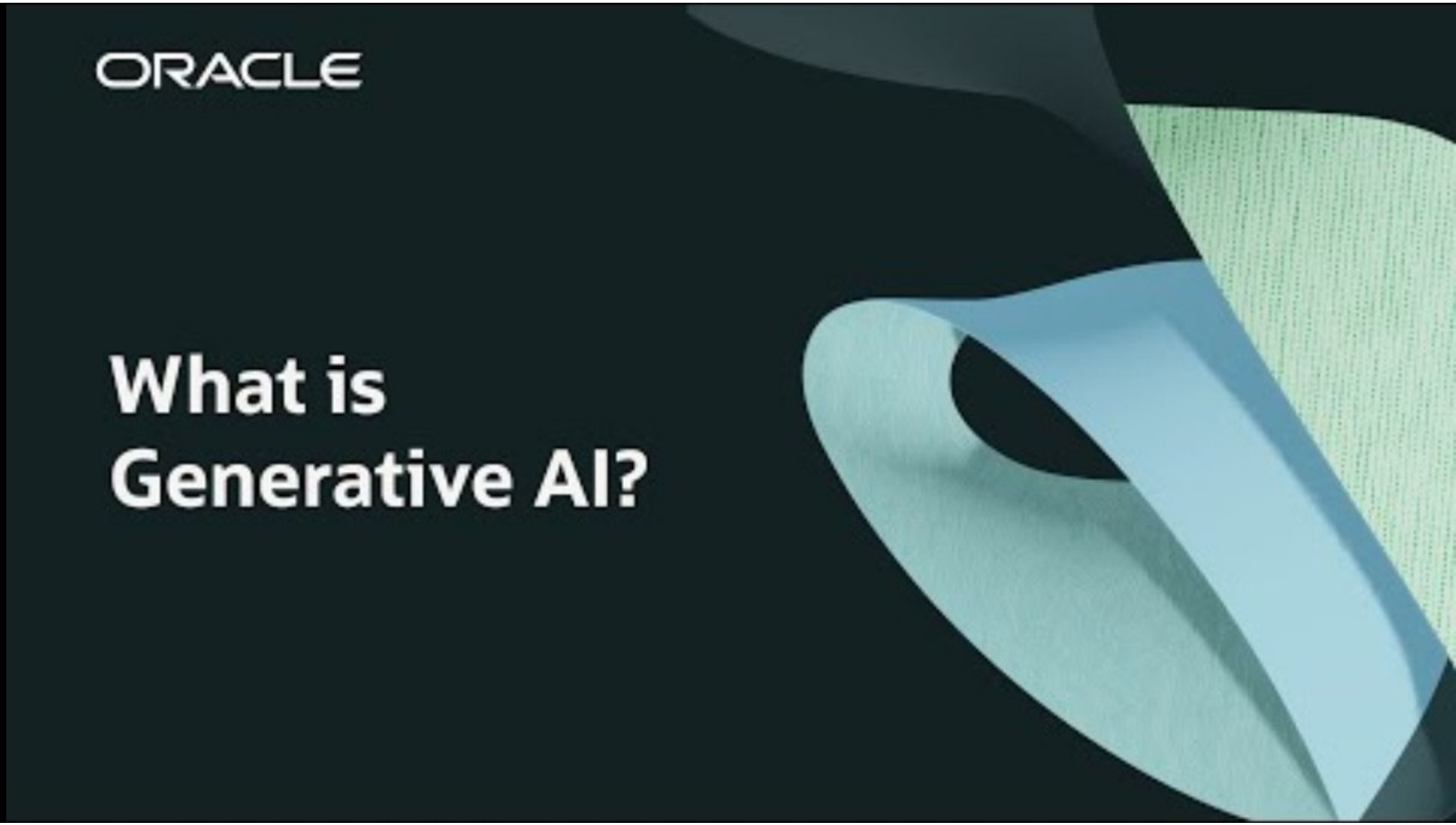
INTRODUCTION to AI

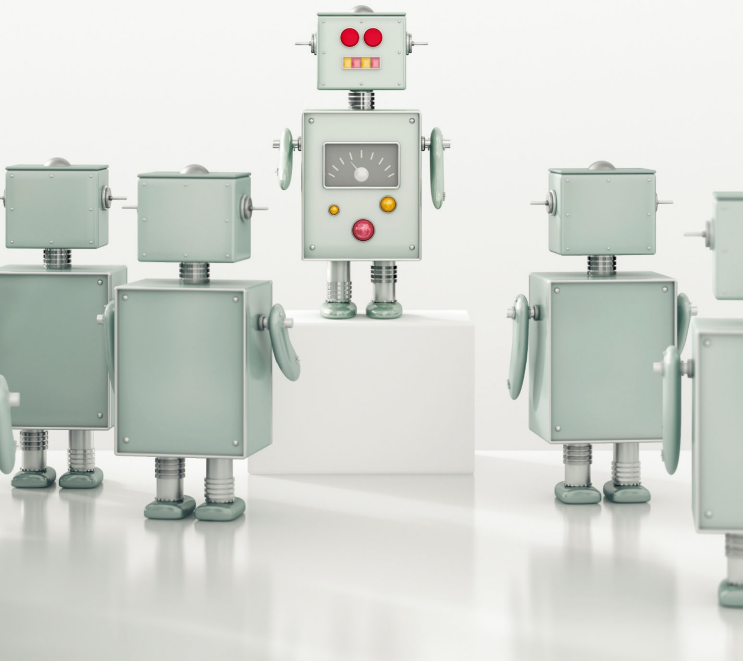
AI in transportation

Future of AI in transportation

ORACLE

What is Generative AI?

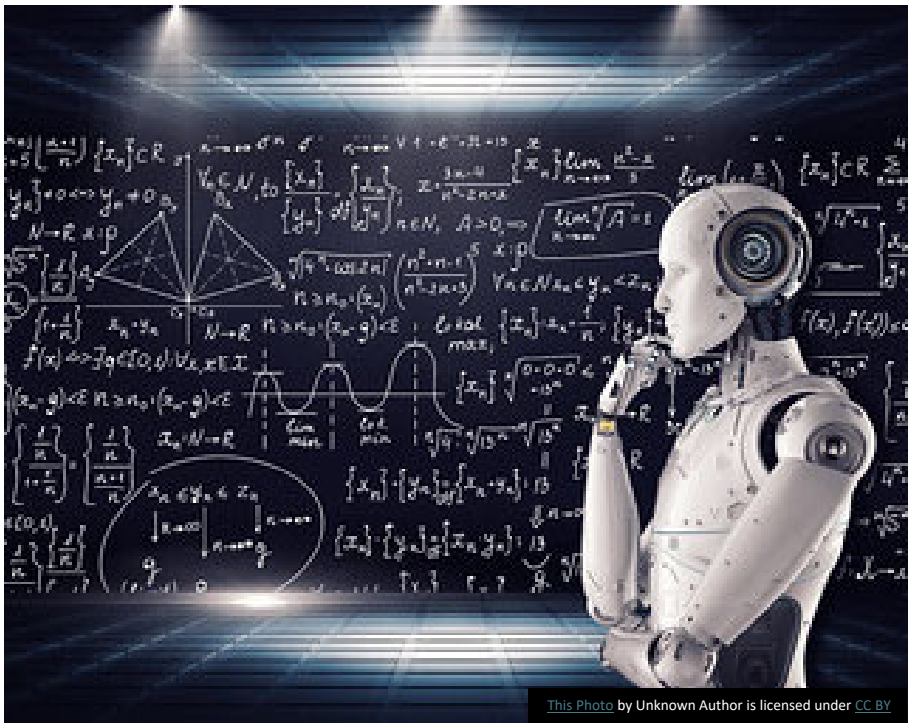




HISTORY OF AI

- CONCEPT OF AI STARTED IN THE 1950S BY ALAN TURING
- IN THE 1960S AND 70S, AI WAS MAINLY FOCUSED ON PROBLEM SOLVING AND SYMBOLIC METHODS
- 1980S RISE OF MACHINE LEARNINGWIH ALGORITHMS, THE START OF DECISION MAKING
- 1990S AND 2000S ADVANCE MACHINE LEARNING TECHNIQUES AND DEEP LEARNING
- TODAY- CAN BE PART OF EVERYDAY LIFE, COMPUTERS, PHONES, AND ETC.

GENERATIVE AI AT WORK



Automate up to 29.5% of work hours in the US economy by 2023 (Mckinsey)

Up to 92% of programmers are using AI tools (Github)

57% of knowledge workers are using at work monthly, and 40% once a week (Flexos)

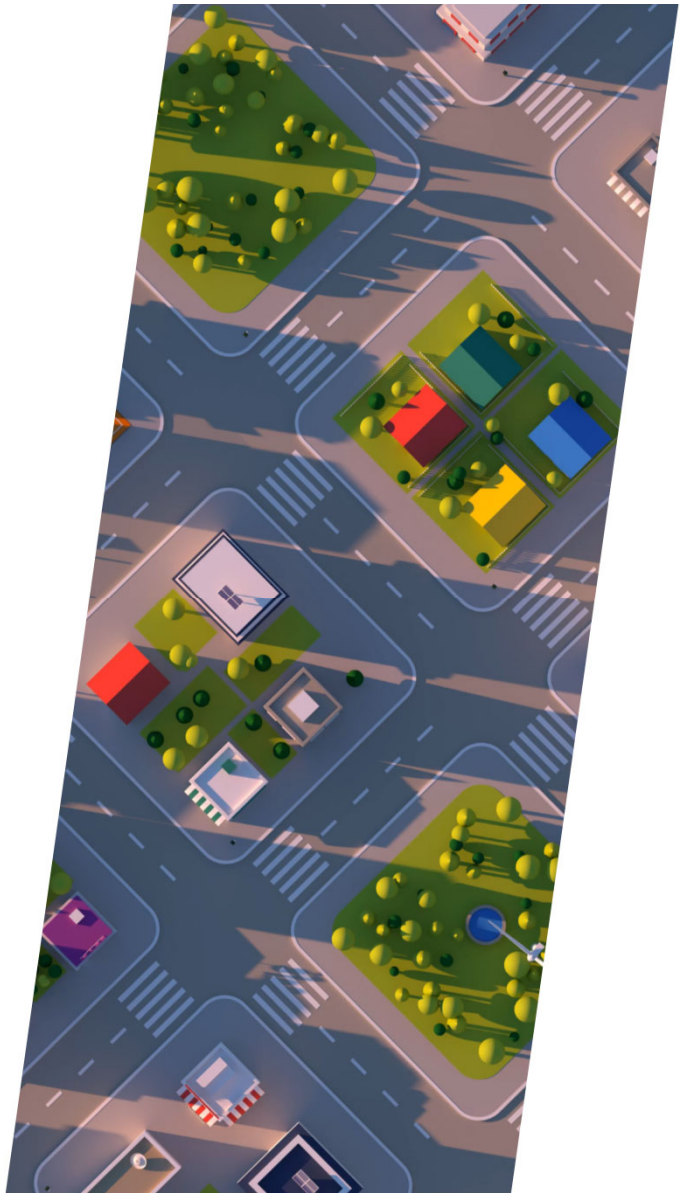
By 2025, 50% of Software Engineering Leader roles will explicitly require oversight of Generative AI (Gartner)

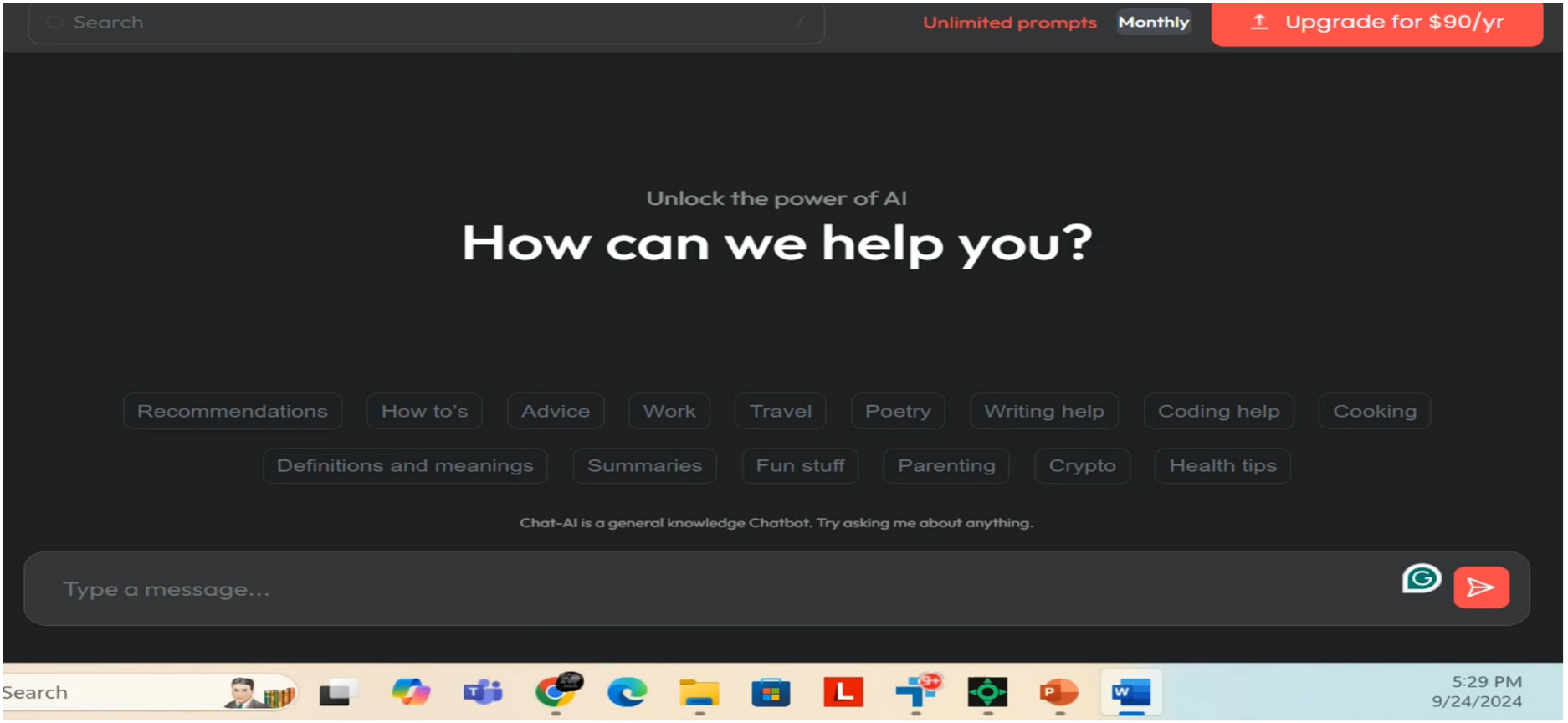
2/3 of content creators are currently using Generative AI (Descript)

Generative AI can increase the productivity of skilled workers by up to 40% (MIT)

AI IN TRANSPORTATION INDUSTRY

WHERE ARE WE NOW?





QUICK EXAMPLE

HOW IS AI BEING USED TODAY IN TRANSPORTATION

- Route optimization
- Fleet management
- Predictive Maintenance
- Passenger Safety
- Ticketing and payment systems
- AI in Accessibility
- Customer Service
- Scheduling and Dispatch
- Traffic Management
- Data Analysis
- Environmental Sustainability
- AI in Emergency responses

THE FUTURE OF AI IN TRANSPORTATION

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- Autonomous Vehicles
- Better Traffic Management
- Enhanced Safety
- Personalized Travel Experience

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