



LEARN

Microsoft.com/Learn

At The Dawn of A New Age

by gateremark





Who's Speaking?




Google Developer Student Clubs

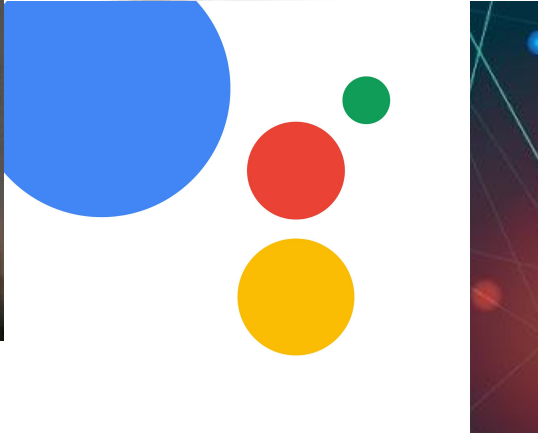




What is AI?



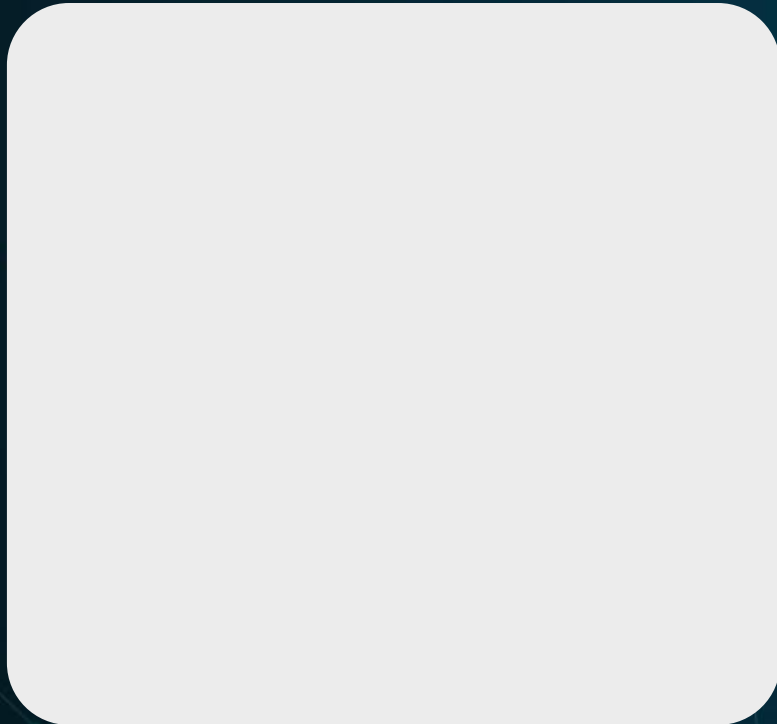
Hi, I'm Cortana.



Artificial Intelligence (AI) is
the science of making things
smart.

Can also be defined as:

“Human intelligence exhibited
by machines”



John McCarthy

1956 – John McCarthy coined the term ‘artificial intelligence’ and had the first AI conference.

1969 – Shakey was the first general-purpose mobile robot built.

1997 – Supercomputer ‘Deep Blue’ was designed.

...

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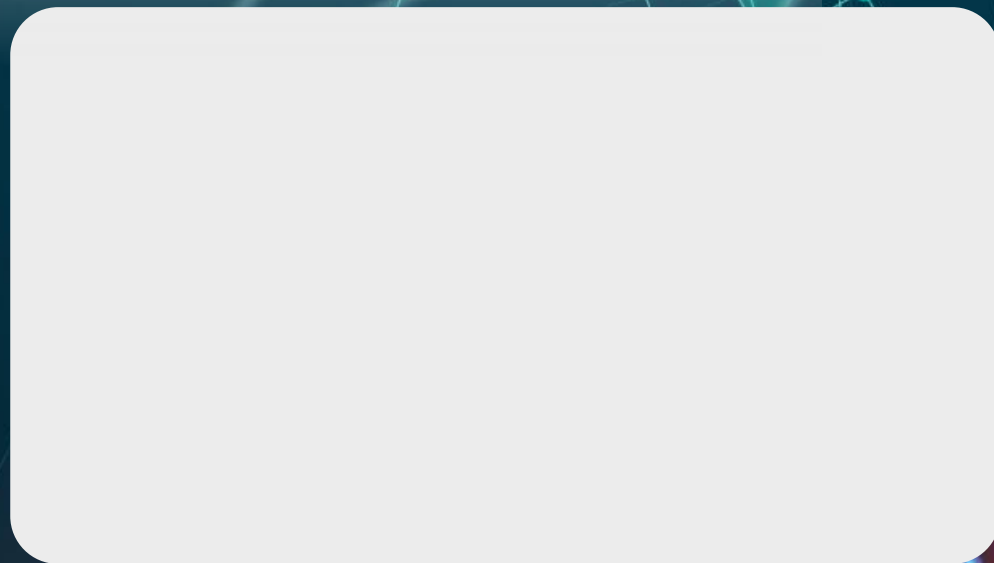
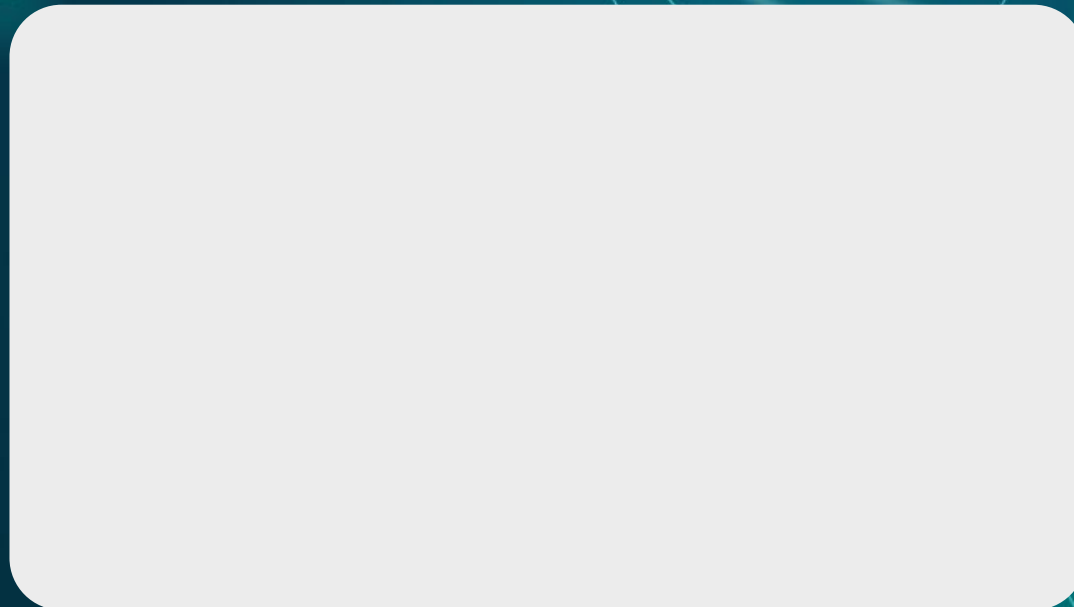
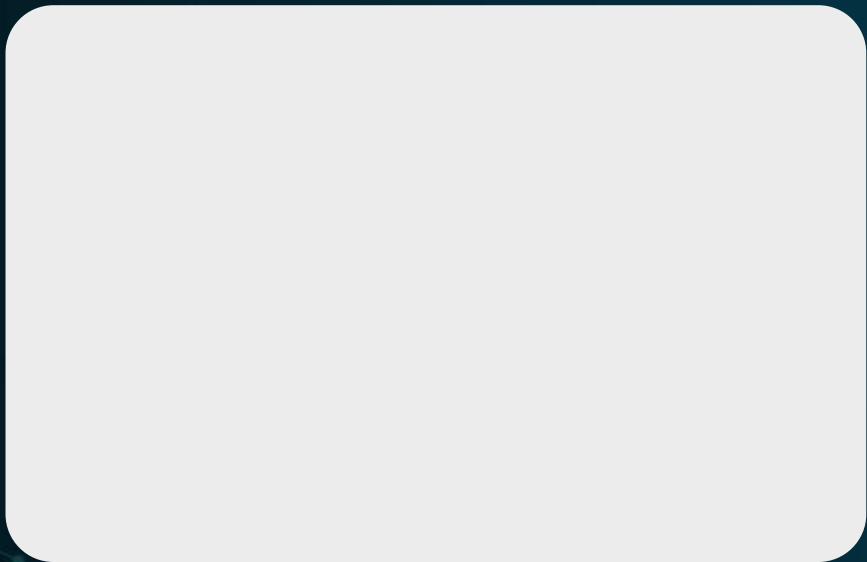
...

2022 – Almost Everywhere

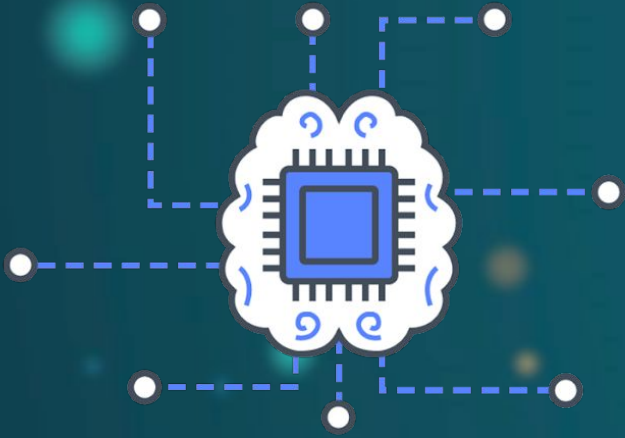


1950 1951 1956 1959 1960 1961 1997 2005





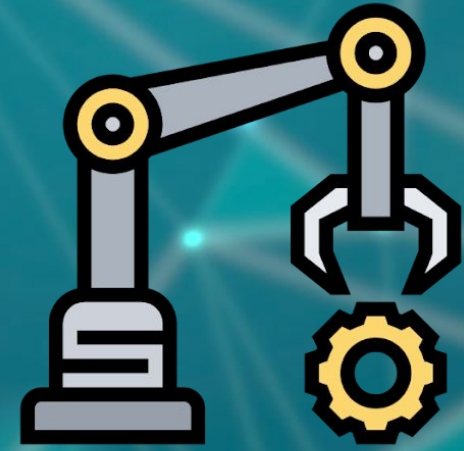




Machine Learning



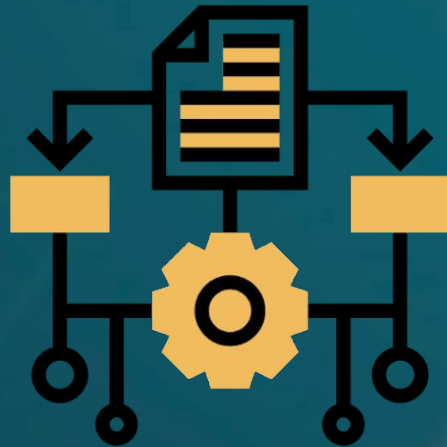
Neural Networks



Robotics



Expert Systems



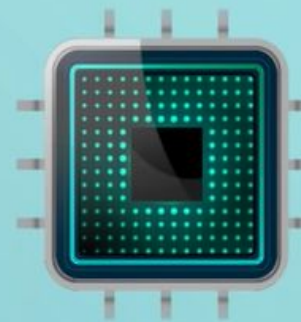
Fuzzy Logic



Natural Language Processing



Data



GPU

The background features a dark teal gradient with a network of glowing white and cyan lines connecting various points, resembling a data network or neural network. There are also several glowing cyan and blue circular nodes scattered throughout the scene.

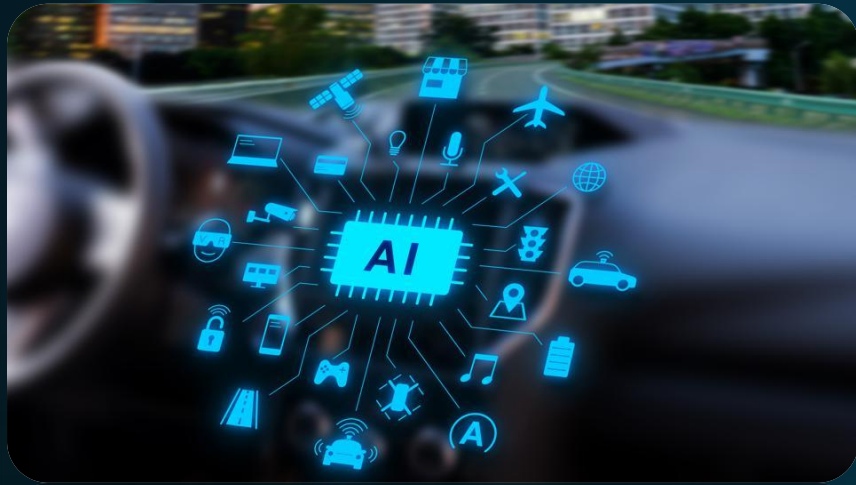
AI for good



□ Health Care

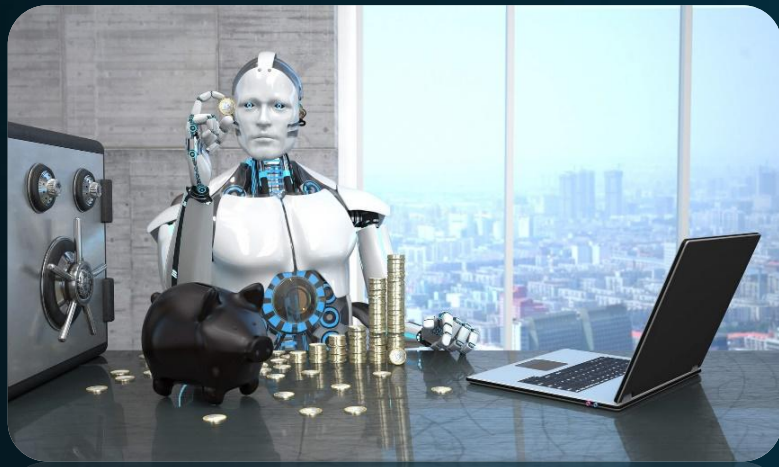
- **Disease Diagnosis**
- **Pharmaceutical Innovation**
- **NLP**
- **Hospital Bots**

- PathAI
- BenevolentAI
- Spring Health
- Tempus
- Vicarious Surgical
- Accuray
- Buoy Health
- Kaia Health



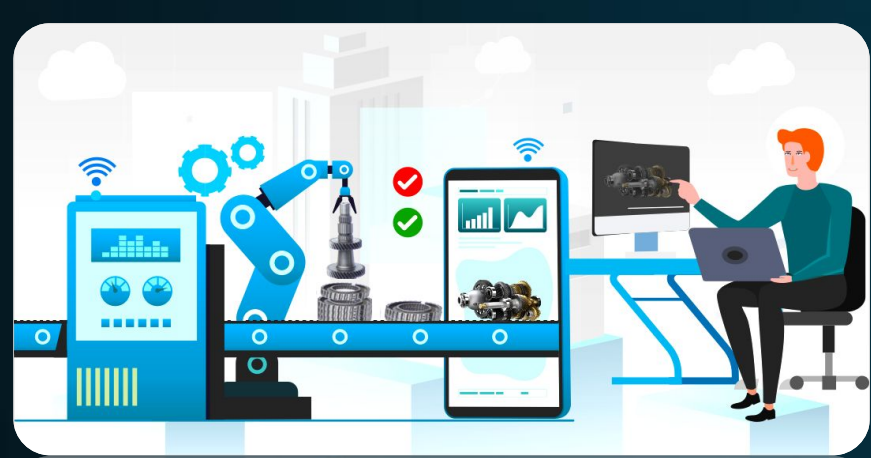
□ Automobile

- **Accident Prevention: Risk Assessment + Driver Monitoring**
- **Personalized Vehicles**
- **In-Car Assistance**



□ Banking and Finance

- Regulatory Compliance and Fraud Detection
- Improved Investment Evaluation
- Better Customer Experience
- Reduced Operational Costs and Risks
- Improved Loan and Facility Evaluation



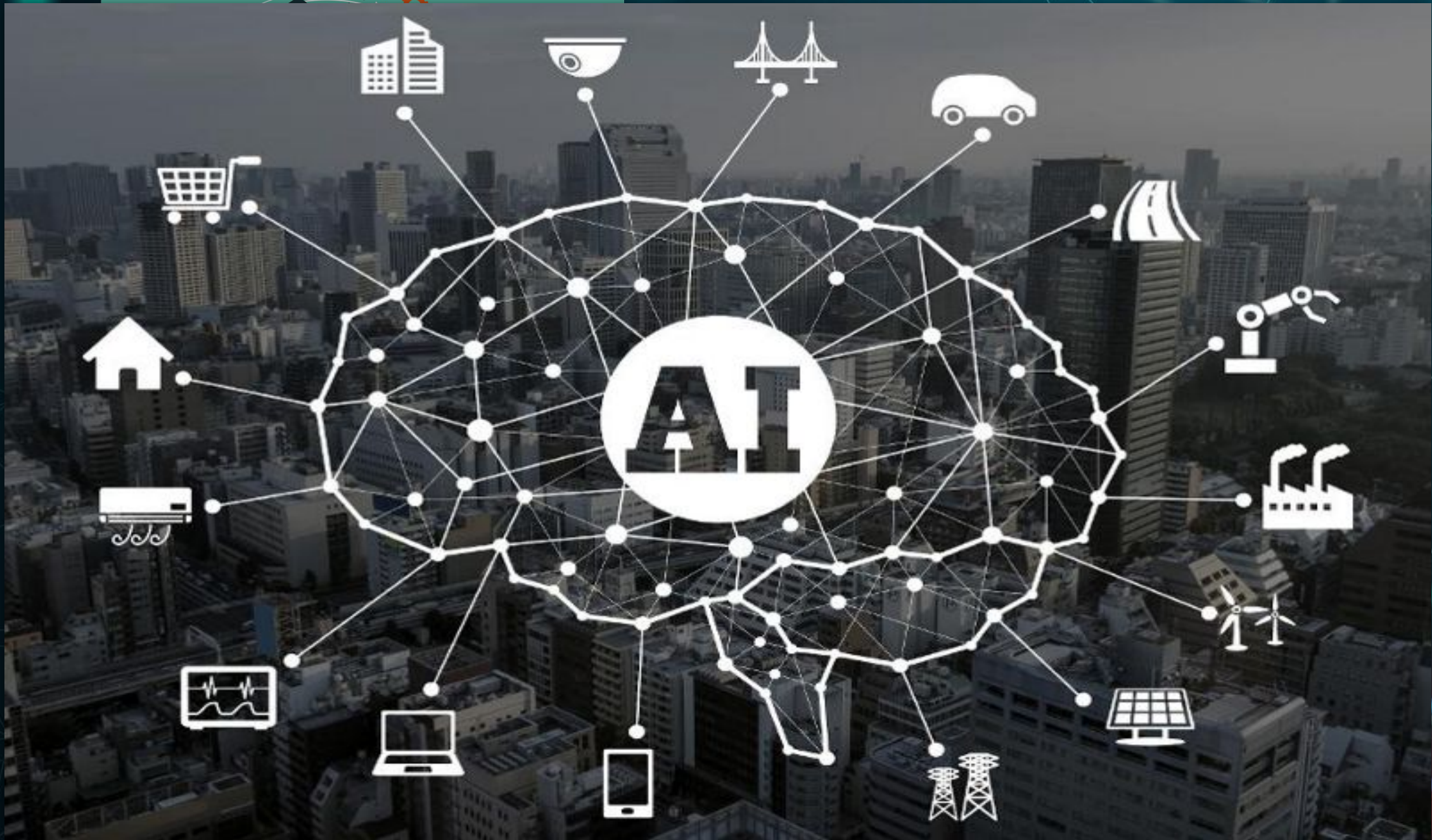
Manufacturing and Factories

- Robotic Process Automation
- Predictive Maintenance
- Quality Assurance & Inspection of a Manufactured Product
- Demand Forecasting
- Warehouse Automation



□ Education

- Automate basic activities, like grading.
- Educational software adapted to student needs.
- Additional support from AI tutors.
- AI-driven programs to give students and educators helpful feedback.



AI

AI as a threat





Sci-Fi Movies That Might Become Reality



The Terminator



I, Robot



The Matrix



Tron: Legacy



War Games



Ex Machina

Artificial Intelligence as a Threat

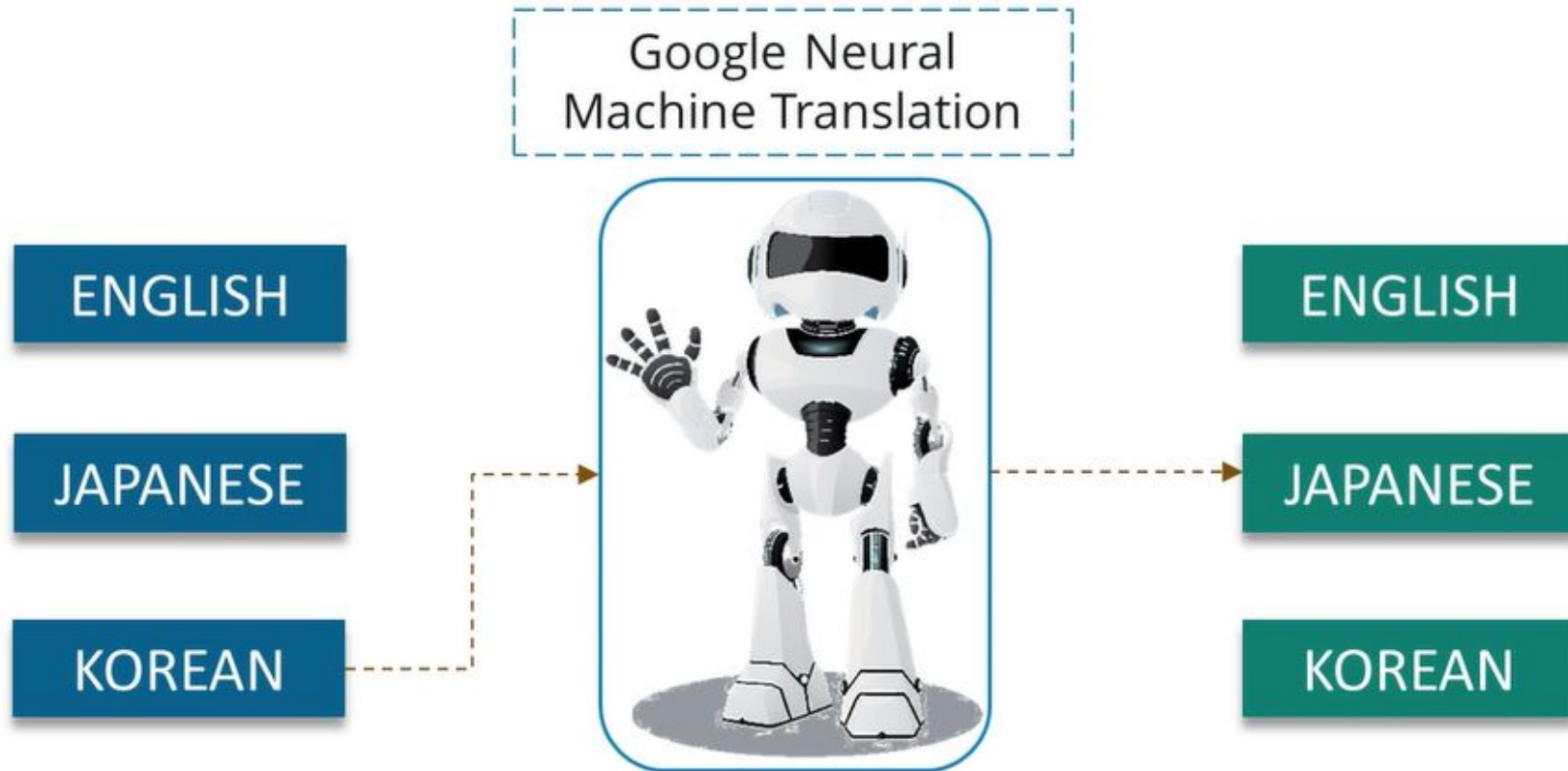


Elon Musk recently commented on Twitter that artificial intelligence (AI) is more dangerous than North Korea

Artificial Intelligence as a Threat


Google's AI translation tool seems to have invented its own secret internal language

Zero Shot





Future ?

The background features a dark teal gradient with a network of thin, light-colored lines connecting various points. Some points are highlighted with larger, glowing teal or blue circles, while others are smaller dots. The overall aesthetic is futuristic and digital.

Getting
started
?

The image features a stylized version of the Google logo. The letters are: 'G' in blue, 'o' in red, 'o' in yellow, 'g' in blue, 'l' in green, and 'e' in red. The background is a dark blue gradient with a network of white lines and glowing blue and green nodes, suggesting a digital or data network. The logo is centered horizontally and occupies most of the vertical space.

Google

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THANK YOU!