

AI בתהליכי ייצור

חיסכון וצמיחה, הדרך ליעילות

איתי לב - סמנכ"ל פיתוח עסקי



Early Machine Learning

Natural Language Processing

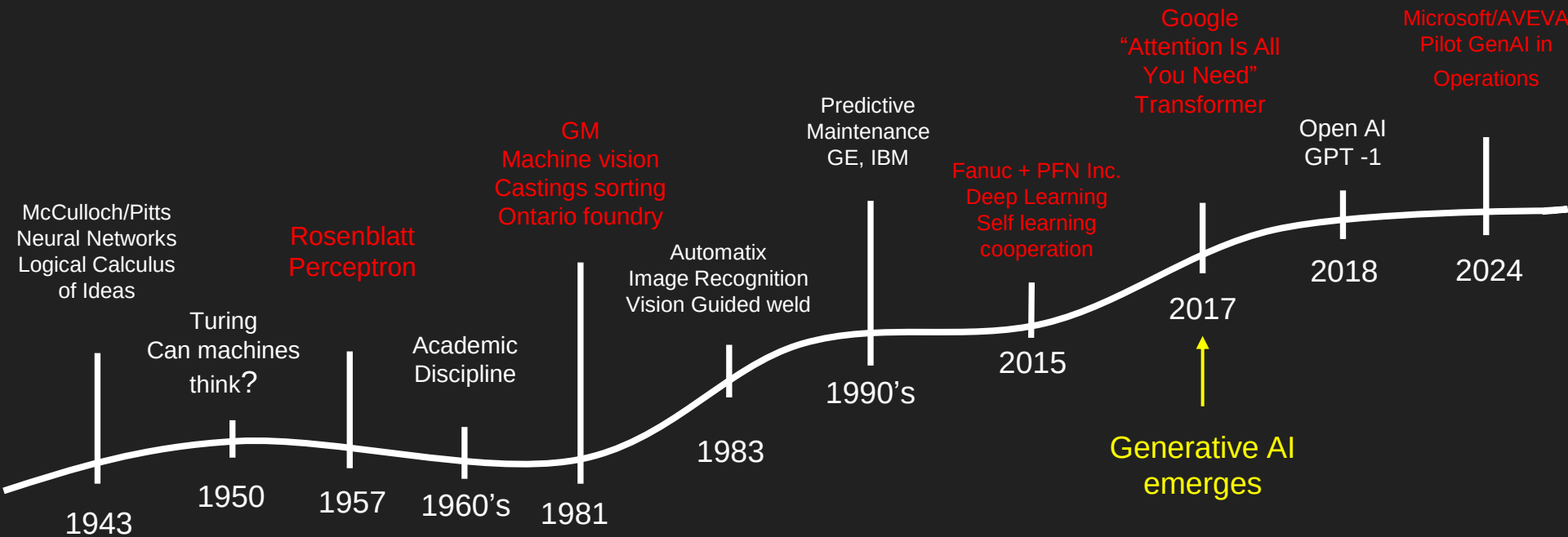
Neural Network Back propagation

Probabilistic or statistical learning

Deep Learning

Transformers

Gen AI LLM



AI IN MANUFACTURING

Predictive Maintenance

Quality Control
&
Defect Detection

Process Optimization

Supply Chain
&
Inventory Management

Autonomous
&
Collaborative Robots

AI-powered
Programming

Energy Management
&
Sustainability

Mass Customization
&
Smart Manufacturing



Predictive Maintenance

LIMITLESS 

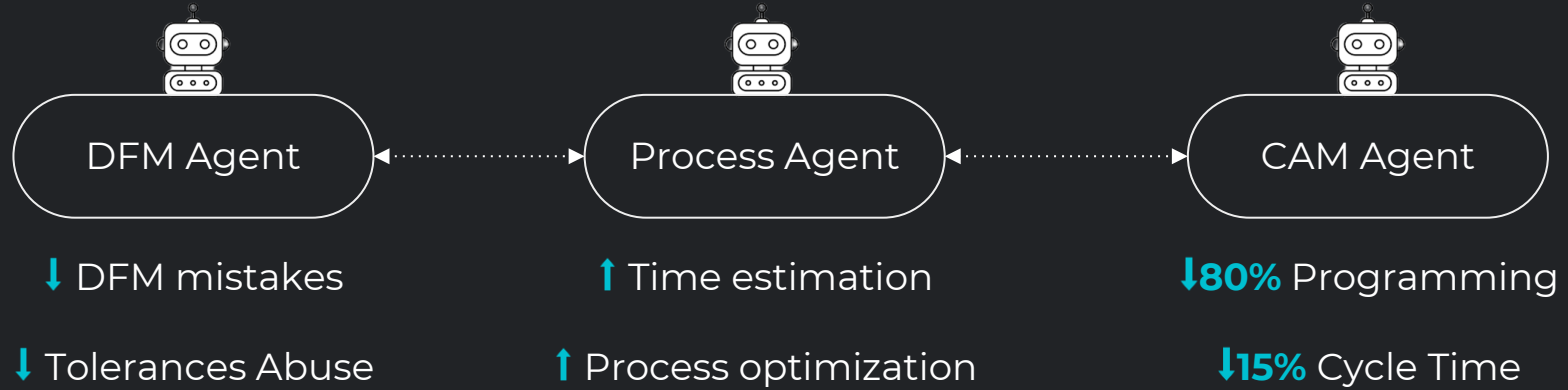
AI Agents



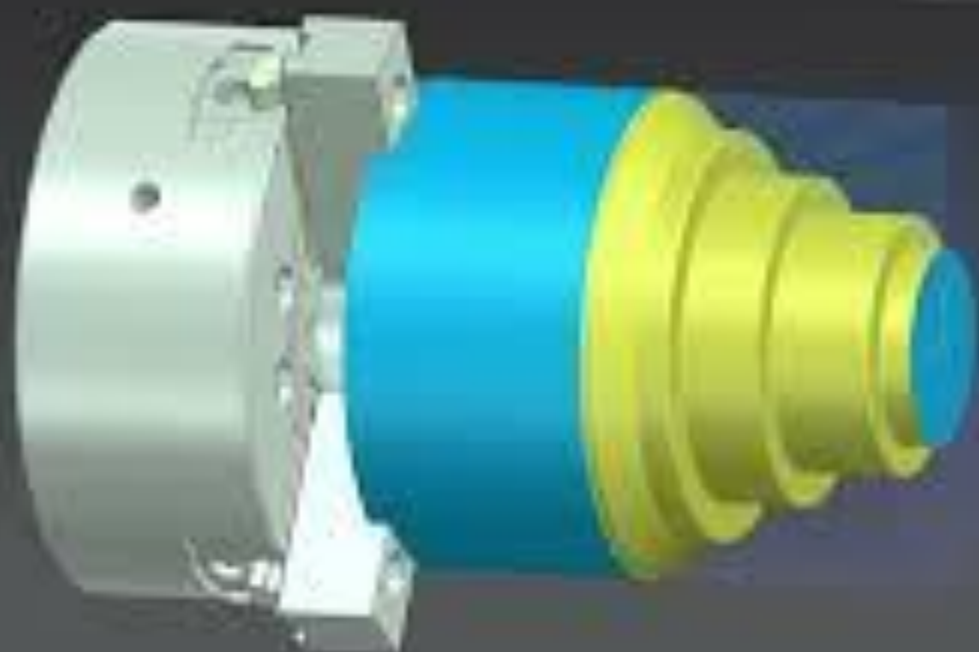
Humanoids

What is Machine Health?

LIMITLESS



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Form with fields and a submit button.

Form fields include:

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- Form Name: Sample Form
- Form Description: This is a sample form for data collection.
- Form Type: Multiple Choice
- Form Status: Active
- Form Created: 2023-10-27
- Form Last Modified: 2023-10-27
- Form Owner: John Doe
- Form Views: 100
- Form Responses: 50
- Form Rating: 4.5
- Form Tags: Sample, Form, Data

Submit Button: Submit

TOP 5 GLOBAL ROBOTICS TRENDS IN 2024

1

**AI AND
MACHINE
LEARNING**



2

**COBOTS IN
NEW
APPLICATIONS**



3

**MOBILE
MANIPULATORS**



4

**DIGITAL
TWIN**



5

HUMANOIDS



Find out more at:

<https://ifr.org/ifr-press-releases/news/top-5-robot-trends-2024>





BMW UPDATE



Conclusion

- AI as a transformative force
Reducing cost, enhancing efficiency
-

- Major challenges
-

- Exciting future
-



LIMITLESSCNC



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