

Alternative Path Towards

Artificial General Intelligence (AGI)

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July 26, 2022



Agenda

1 State of Al Today

2 Alternative Path Towards AGI

- **BrainCore™ Intelligent System**
- 4 SmartLeads Intelligent Software

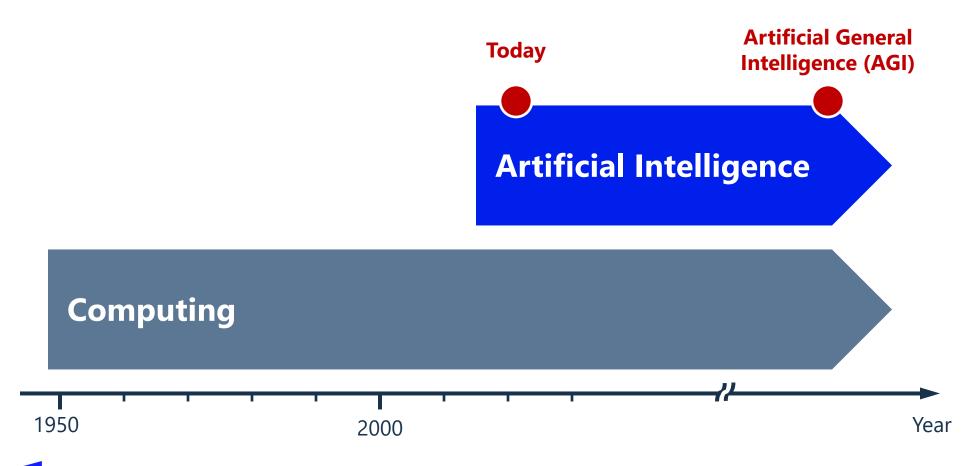


State of Al Today



We are in the era of Artificial Intelligence

Information Technology Evolution





Modern computing was built over time

Computing Innovations Journey

Web

Serverless

LINUX

Java 4G

Fiber

100G

WAN

Smartphone

Web Client

Containers

Hypervisor

LED

CD ROM

Optical Cable

Chip

SaaS

Zero Code

RedHat Python

5G

Satellite

SDN

SD WAN

App Store

Zero Client

Serverless

ARM

Touchscreen

SSD

Full Spectrum

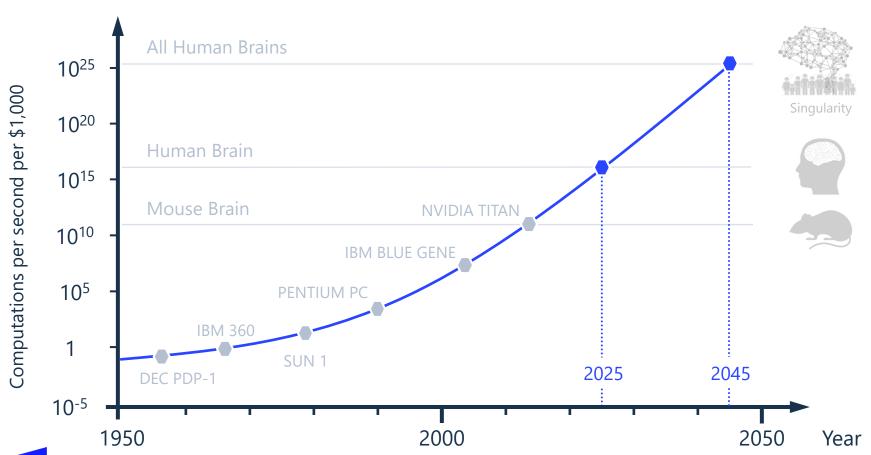
3D Chip

Software	Applications	Mainframe	Client Server
	Middleware	App Server	Web Server
	OS	UNIX	Windows
	Programming	C++	Node.js
Network	Mobile	2G	3G
	Internet	DSL	Cable
	LAN	1G	10G
	Telecom	 MPLS	Optical
Hardware	Mobile	Voice	SMS, Email
	PC	Desktop	Laptop
	Public Cloud	laaS	PaaS
	Datacenter	Mainframe	Servers
Technology	Display	CRT	LCD
	Storage	Tape	HDD
	Telecom	Analog	Digital
	CPU	Tube	Transistor



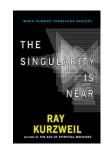
Affordable computing power will reach human brain processing capability by 2025

Computing Power



Ray Kurzweil





2005

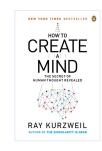
Creating a digital brain is a big challenge

Digital Brain



Ray Kurzweil





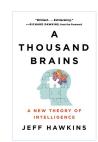
2012

Jeff Hawkins









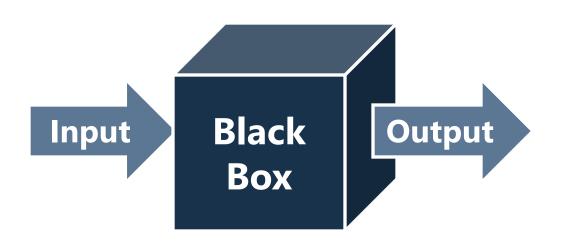
2021



Today's AI on itself will not develop into AGI

Artificial Intelligence

ML, DL, NLP



Hector Levesque

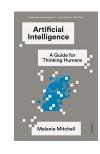




2017

Melanie Mitchell





2019

Ronald Brachman





2022



Alternative Path Towards AGI



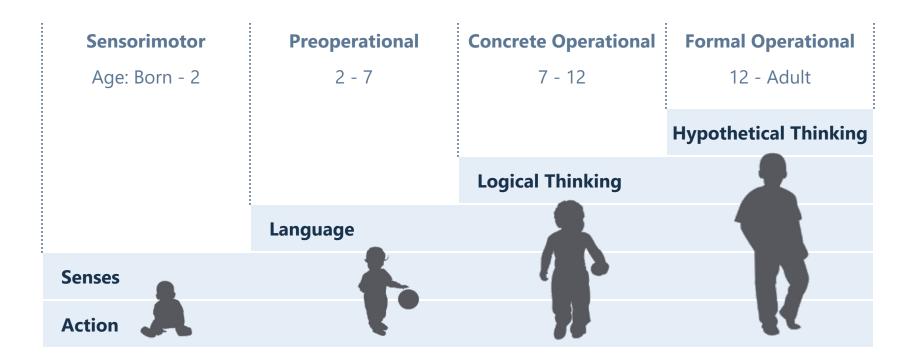
Homo sapiens distinguished themselves with the use of language

Language Chimpanzees **Homo Sapiens**



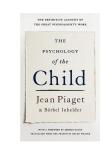
Language is the second stage in cognitive development, coming after senses

Stages of Child's Development



Jean Piaget





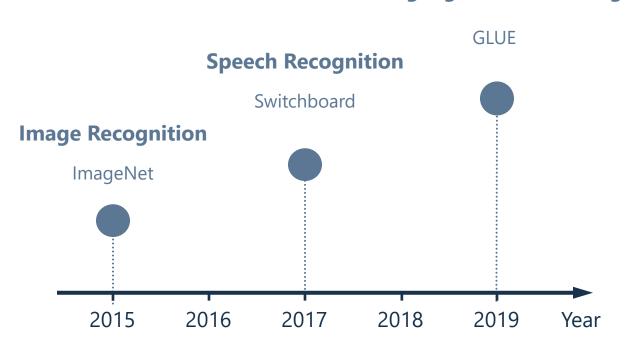
1969



Today's Al already mastered human senses

Al at Human Level

Language Understanding



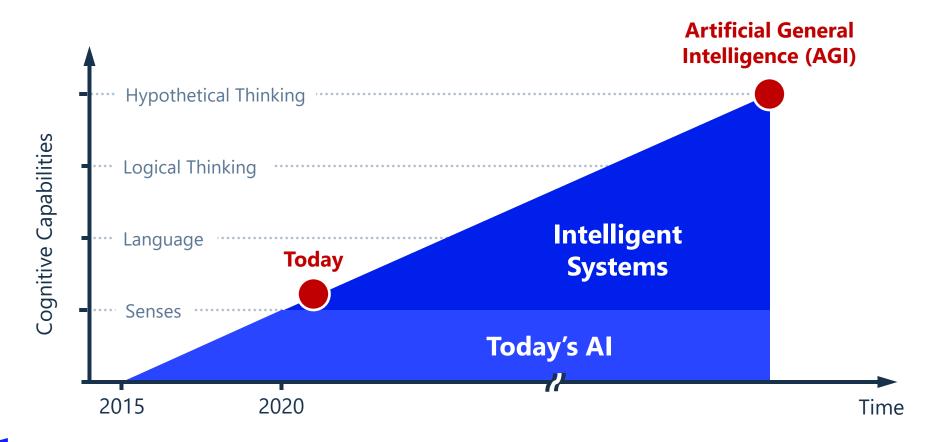


Neurons take up about 30% of the cortex for visual processing, 8% for touch and 3% for hearing



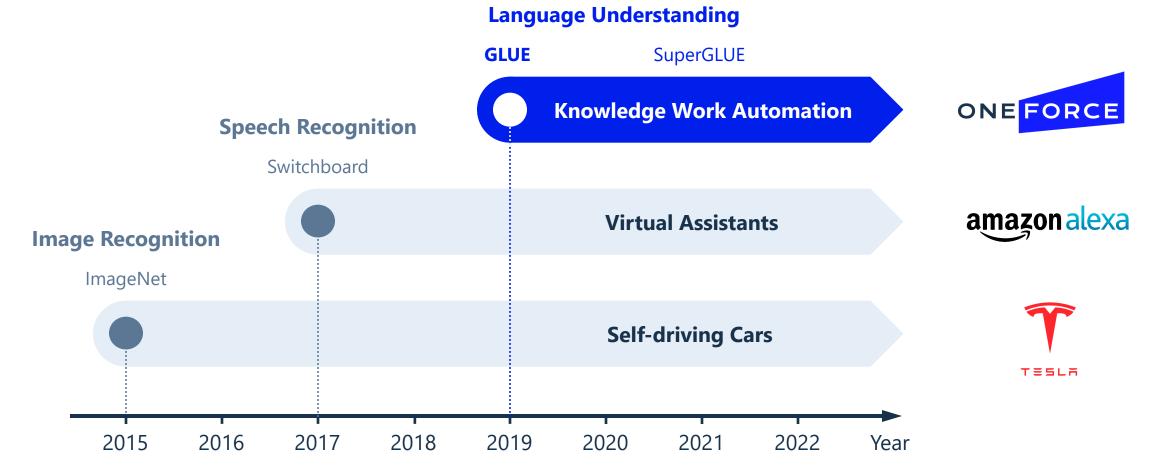
Language comprehension is the next step

A Path Towards AGI



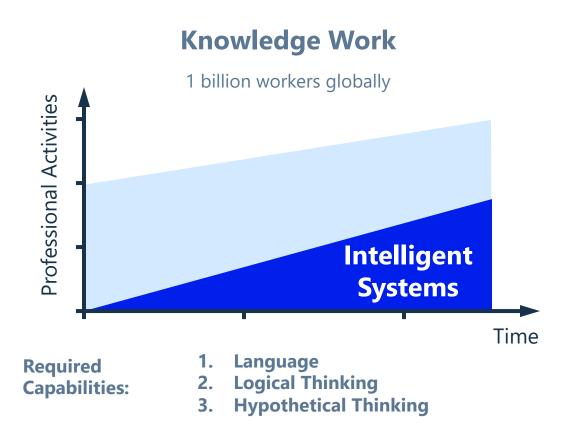


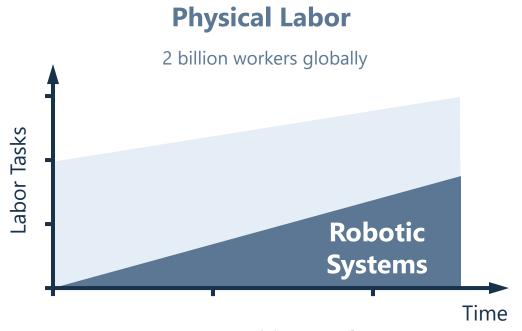
Language understanding technologies opened a new era of knowledge work automation





OneForce is focused on knowledge work automation





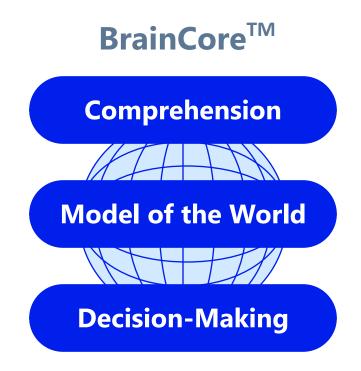
- 1. Senses (vision, touch, ...)
- 2. Language
- 3. Logical Thinking



BrainCore™ Intelligent System



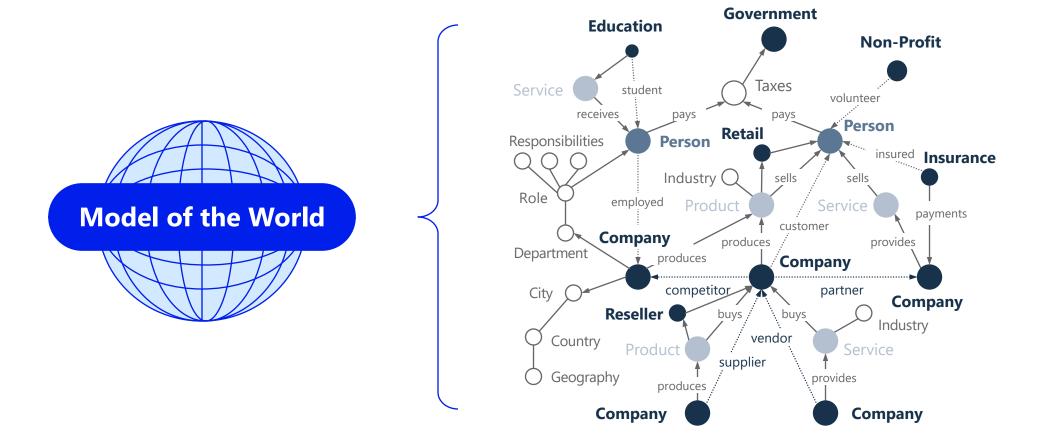
OneForce builds BrainCore cognitive technology



Capabilities: read, understand and make logical decisions

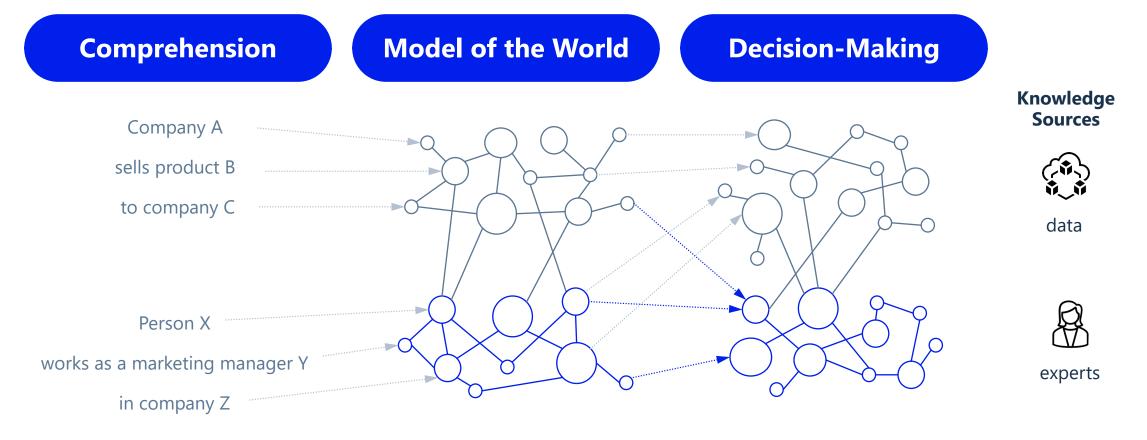


Model of the World captures expert knowledge





Eventually, BrainCore system will learn from data





SmartLeads Intelligent Software



OneForce created intelligent software for Al-powered sales development





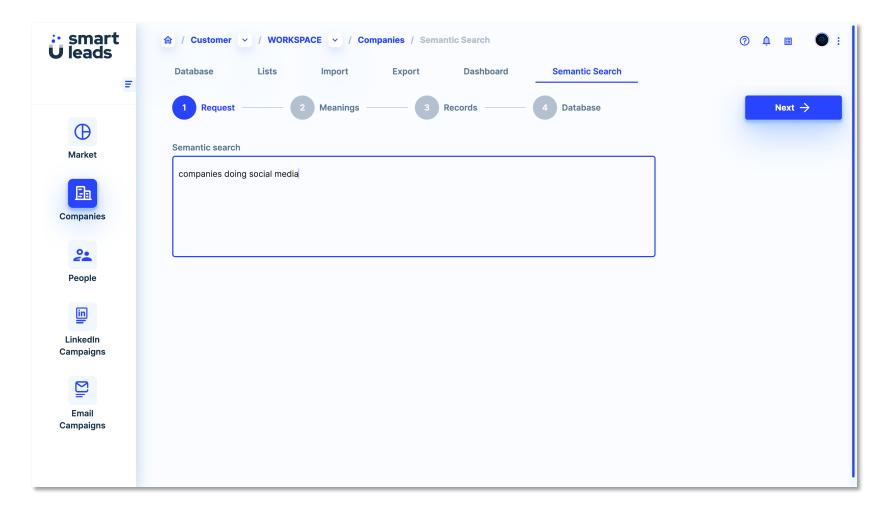


Semantic search delivers 10x better results

Search	Traditional	Semantic
People	Keywords	Meaning
Companies	Keywords	Meaning



Semantic Search Demo





Thank You!



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