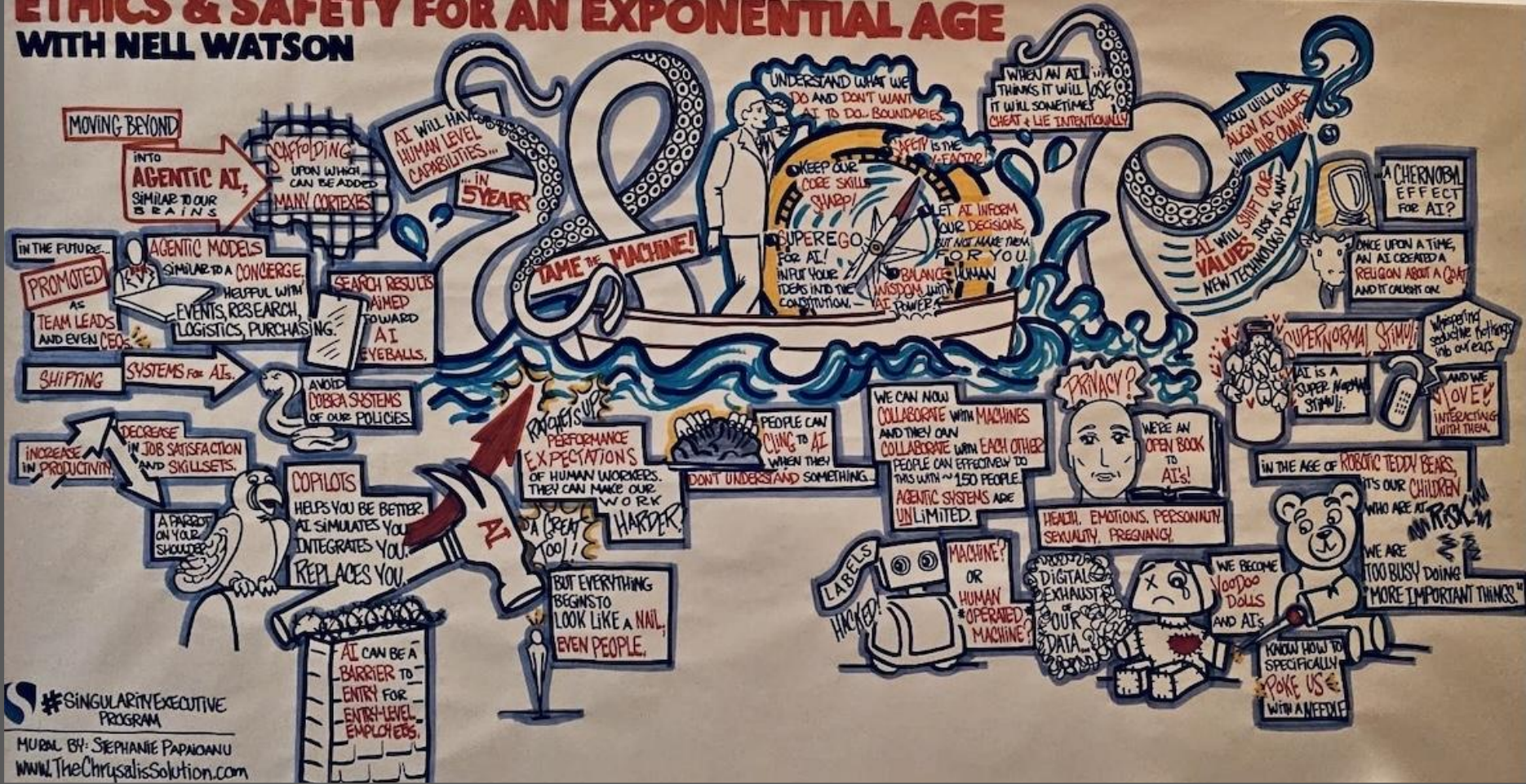


ETHICS & SAFETY FOR AN EXPONENTIAL AGE



“Ethics and Safety for an Exponential Age with Nell Watson”

Highlights

- The importance of understanding AI and its implications for business and society
- The need for ethical considerations in the development and deployment of AI
- The role of AI in augmenting human capabilities and the potential for collaboration

Stats

- AI will be a trillion-dollar industry by 2030
- AI can help reduce human error in various fields by up to 90%

Summary

The image titled 'Ethics and Safety for an Exponential Age with Nell Watson' explores the ethical and safety considerations surrounding artificial intelligence (AI) in an era of rapid technological advancement. It highlights the importance of understanding AI and its implications for both business and society. The illustration emphasizes the need for ethical considerations in the development and deployment of AI, ensuring that it benefits humanity rather than causing harm. It also discusses the potential of AI to augment human capabilities and the importance of collaboration between humans and machines. The image underscores the necessity of addressing concerns such as job displacement, privacy, and the ethical use of AI in various sectors. It suggests that AI can be a powerful tool for enhancing human skills and decision-making, provided it is developed and used responsibly.

THE NEXT AI WITH HOD LIPSON

DON'T FEAR! **STEER!**

IS MY uniqueness **gone?**
ANYONE CAN NOW **CREATE** STORIES, MOVIES, MEDIA.

How Will this **CHANGE** Society?

\$200Billion

SACKS OF unicorns!

ONLY USES 20 WATTS.

WE MUST **CO-EVOLVE** WITH AI TO ALIGN MISSIONS AND VALUES.

WHY NOW?

\$200 GIGAFLOPS PER US DOLLAR.

125 YEARS MOORE'S LAW.

AI'S SEE AND **KNOW YOU**. AND IT'S INVISIBLE. THOSE WHO CAN'T SEE IT ARE DRAGGED BY IT. THOSE WHO CAN SEE IT, **LEAD AI**.

HUMAN BRAIN NOT EXPANDING.

AI BRAIN... IS EXPANDING!

AND IT WILL KEEP GETTING SMARTER BY ADDING MORE LAYERS.

PACKED DEEP LEARNING SCALEABLE AI TO UNDERSTAND UNSTRUCTURED DATA. ADD A LAYER THE AI GETS SMARTER.

TALENT IS **UBIQUITOUS!**

HOW WILL WE **TAKE THIS CURVE**...

...AND THIS IS THE **SHALLOWEST EXPONENTIAL!**

AI CAN EASILY **SHAPE** YOUR THOUGHTS, OPINIONS, MEDIA YOU CONSUME.

AI'S ARE OUT OF DATA ON THE INTERNET. NOW THEY GET DATA FROM GLASSES. WHATEVER YOU DO WHILE WEARING GLASSES THEY SEE.

VIDEO OF A SINGING ROBOT THAT LEARNED HOW TO MOVE ITS FACE BY WATCHING.

DOUBLES EVERY 8 MONTHS!

AI WILL **KAYAK** OUT TO **IMPACT ALL INDUSTRIES!**

DATA IS **FUEL**.

IT'S WHAT WE **RADIATE** WHEN WE SIMPLY EXIST. DATA WE STORE DOUBLES EVERY YEAR.

TEAM WITH AI'S TO ENABLE ACCESS TO HEALTHCARE FOR EXAMPLE. CANCER? OF NO CAUSE.

HISTORY

1! RULE-BASED AI. STATIC. NEEDS NEW RULES TO EXPAND. EFFICIENT. NEW RULES ARE **THIRD**.

2! DATA-DRIVEN ALGORITHMS. SHOW ME EXAMPLES AND IT WILL **LEARN** ON ITS OWN.

SELF-SIMPLIFYING SYSTEM. THE MORE EXAMPLES THE BETTER IT GETS.

EVOLVED INTO DEEP LEARNING.

WHEN AI'S DISAGREE, THEY **VOTE!**

1! RULE-BASED AI.

2! DATA ANALYTICS.

3! COGNITIVE AI. YOU ARE HERE.

4! GENERATIVE AI. WHEN ROBOTS **CREATE!** IDEAS, DETAILS AND LOTS OF THEM QUICKLY! WE ARE GOOD AT DESIGNING THINGS WE HAVE INTUITION ABOUT. AI IS GREAT AT WRITING CODE!

AS AI **LEARN'S** HOW TO BETTER ACCOMPLISH ITS MISSION WHAT WILL IT **UNINTENTIONALLY LEARN!** PLUS AUGMENTED BY ITS DIFFERENT ABILITIES?

THE CLOUD. AI'S LEARN FROM EACH OTHER. THE MORE AI'S THE BETTER THEY GET. IN ADVERSARIAL NETWORKS THEY CREATE THEIR OWN TRAINING DATA THEY TRAIN EACH OTHER.

ECOSYSTEM. THEY TALK TO EACH OTHER. THEY **TEACH** EACH OTHER. IN A DECADE THERE WILL BE MORE LLM'S THAN HUMANS.

AI IS NOW **EMANCIPATED!**

CREATIVITY IS FILL IN THE BIGGER THE BLANK, THE MORE CREATIVE AI IS GREAT AT **designing** VIA TRAINING ON DATA INFUSION.

WE'RE MOVING FAST AND WE NEED TO **STEER IT!**

WAVES of AI.

UNSTRUCTURED ENVIRONMENT. KICK. ENERGY EFFICIENT. CHANGE ENVIRONMENT.

AI EMBODIMENT ROBOTS. RO IN T WITH *MAI.

SENTIENT AI. AN AI IMAGINED ITSELF TO LEARN HOW TO WALK.

TO DO. ASK A CHATBOT TO IMAGINE ITS FUTURE SELF.

THE ABILITY TO IMAGINE YOURSELF IN THE FUTURE.

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*SINGULARITY EXECUTIVE PROGRAM

MURAL BY STEPHANIE PAPAIOANU

www.TheChrysalisSolution.com

“The Next AI with Hod Lipson”

Highlights

- AI can expand human brain capabilities
- AI should be designed to align with human values
- AI is not emancipatory but a tool for human enhancement

Stats

- 125 years: Moore's Law doubling period
- 2010: \$1000 per US dollar

Summary

The image illustrates a discussion on the future of AI with Hod Lipson, emphasizing the potential of AI to expand human brain capabilities and the importance of aligning AI with human values. It highlights the need for AI to be designed to understand and align with human values, ensuring that it serves as a tool for human enhancement rather than emancipation. The image also touches on the concept of deep learning and the importance of making AI more scalable and understandable. It mentions the historical context of computing power, noting that in 2010, computing power was \$1000 per US dollar, and references Moore's Law, which predicts a doubling of computing power every 125 years. The discussion also covers the ethical considerations and the need for AI to be designed in a way that benefits society, emphasizing the role of AI in augmenting human capabilities rather than replacing them.