# STORIES THAT SHAPED THE WAY WE THINK ABOUT ARTIFICIAL INTELLIGENCE









CURATED BY JEREMY CONNELL-WAITE

2ªD

# STORYTELLERS, SCIENTISTS & CXO'S

Don't Fear Intelligent Machines. Work With Them. **GARRY KASPAROV** 1. What Does the AI Boom Really Mean for Humanity? HANNAH FRY 2. Will Superintelligent AI End the World? **ELIEZER YUDKOWSKY** 3. Can We Build AI Without Losing Control Over It? 4. SAM HARRIS 5. LIV BOEREE The Dark Side of Competition in AI The Incredible Inventions of Intuitive AI **MAURICE CONTI** 6. **NICK BOSTROM** What Happens When AI Gets Smarter Than We Are? 7. 8. **RAY KURZWEIL** 6 Decades of AI & What Comes Next? 9. **MARVIN MINSKY** MIT Lecture The Science of Artificial Intelligence 10. **JOHN McCARTHY** The Foundations of Deep Learning 11. **GEOFFREY HINTON** 3 Principles for Creating Safer AI 12. **STUART RUSSEL** Why AI is Incredibly Smart & Shockingly Stupid 13. **YEJIN CHOI** 14. **JOY BUOLAMWINI** How I'm Fighting Bias in Algorithms How Can We Stop AI from Marginalising Communities? 15. **TIMNIT GEBU** Spatial Intelligence: AI Will Understand the Real World 16. FEI-FEI LI OpenAI DevDay: Opening Keynote SAM ALTMAN 17. The Inside Story: ChatGPT's Astonishing Potential 18. **GREG BROCKMAN** Microsoft Build 2024: Opening Keynote SATYA NADELLA 19. What is an AI Anyway? 20. **MUSTAFA SULEYMA SUNDAR PICHAI** Google I/O 2024: Opening Keynote 21. Google I/O 2024: DeepMind Keynote Sir DEMIS HASSABIS 22. Dreamforce 2024: Opening Keynote MARC BENIOFF 23. Scaling Your Business with AI & Hybrid Cloud 24. **ARVIND KRISHNA** 25. **ROB THOMAS** Launch of watsonx

# **Garry Kasparov**

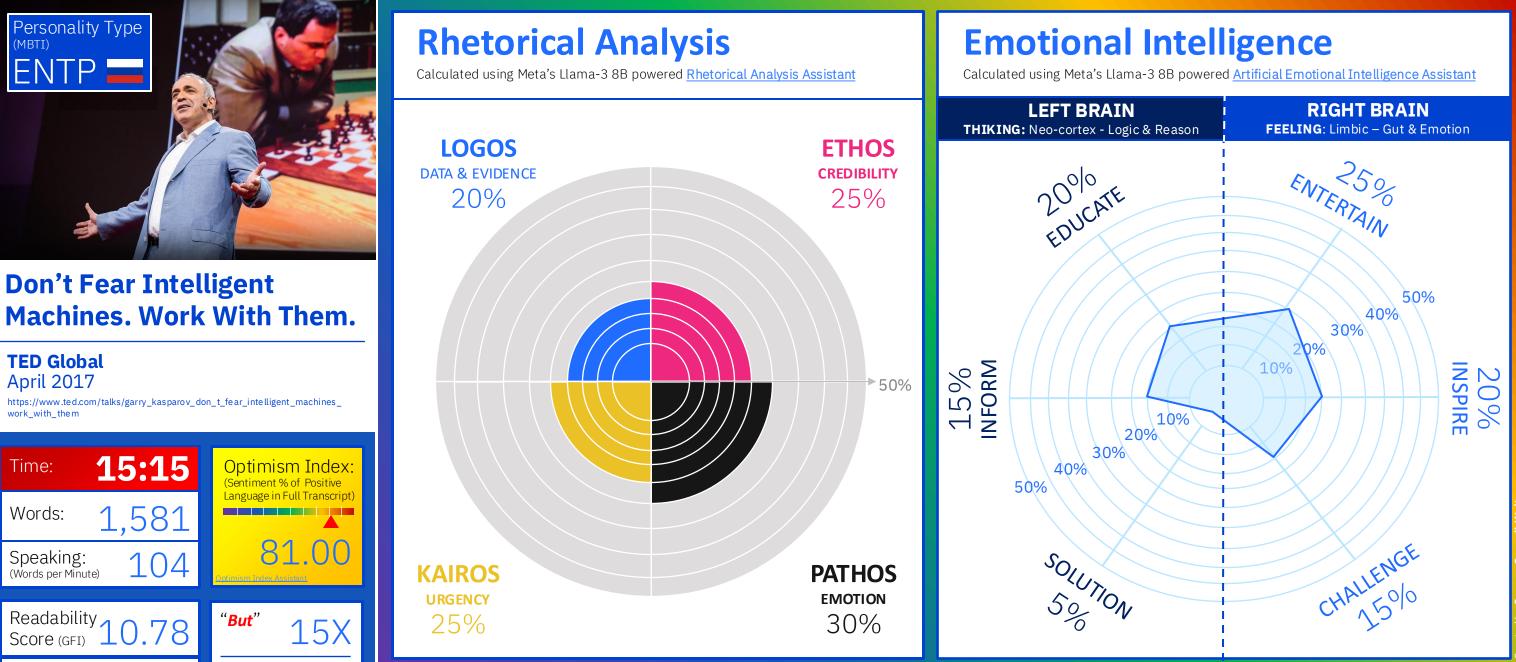
Lexical

Density

48.77

Average: 1:00

Chess Grandmaster, Political Activist, Writer.



Cold Open:

"This story begins in 1985, when at age 22, I became the World Chess Champion after beating Anatoly Karpov. Earlier that year, I played what is called simultaneous exhibition against 32 of the world's best chess-playing machines in Hamburg, Germany. I won all the games, and then it was not considered much of a surprise that I could beat 32 computers at the same time. To me, that was the golden age. Machines were weak, and my hair was strong ... "

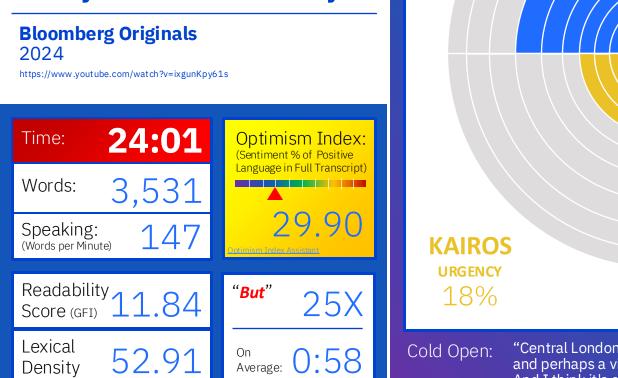
# Hannah Fry

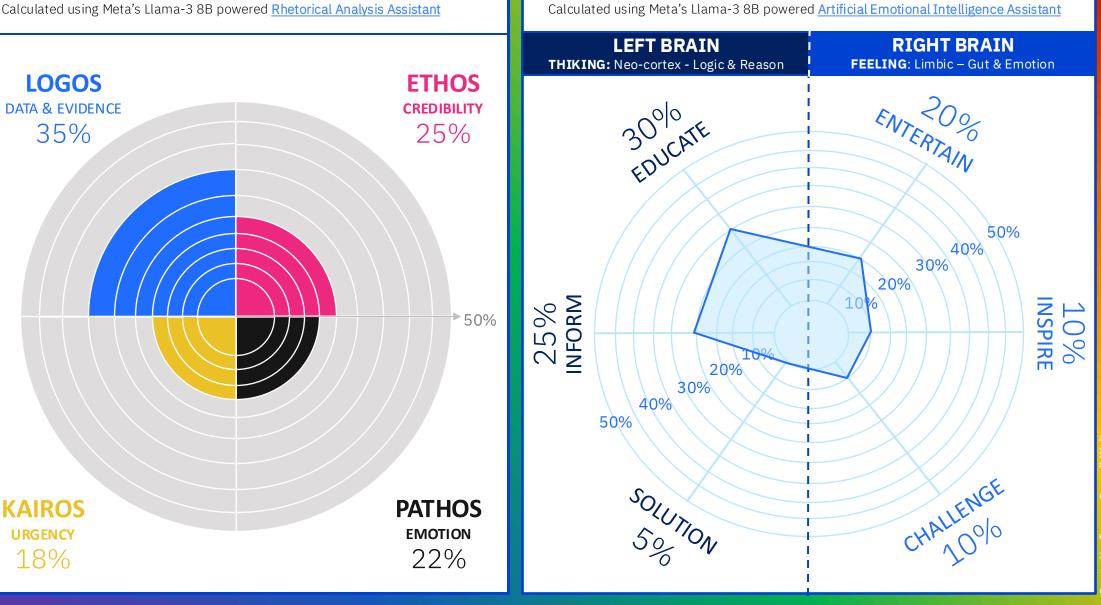
Mathematician, Broadcaster & Author.

**Rhetorical Analysis** 



What Does the AI Boom **Really Mean for Humanity?** 





"Central London should be the last place that you'd find gorillas, but here behind the glass in a zoo, these Majestic animals offer a glimpse into our past, and perhaps a vision of our future. About 10 million years ago her ancestors created accidentally the genetic lineage that led to modern humans. And I think it's safe to say that hasn't exactly worked out well for the gorillas..."

## watsonx

# **Emotional Intelligence**

# Eliezer Yudkowsky

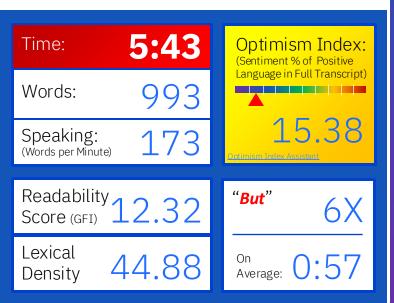
AI Researcher, Decision Theorist & Founder of Machine Intelligence Research Institute

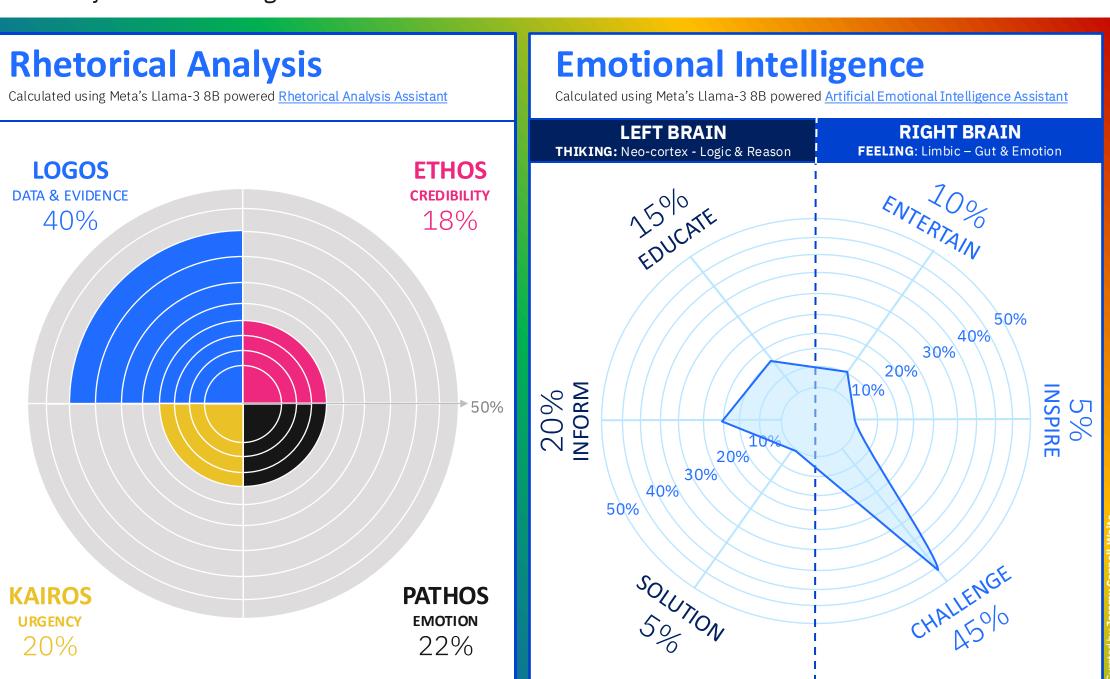


Will Superintelligent AI **End the World?** 

### **TED Global** April 2023

https://www.ted.com/talks/eliezer\_yudkowsky\_will\_superintelligent\_ai\_end\_th e world





"Since 2001, I have been working on what we would now call the problem of aligning artificial general intelligence: how to shape the preferences and Cold Open: behavior of a powerful artificial mind such that it does not kill everyone. I more or less founded the field two decades ago, when nobody else considered it rewarding enough to work on. I tried to get this very important project started early so we'd be in less of a drastic rush later. I consider myself to have failed."

# Sam Harris

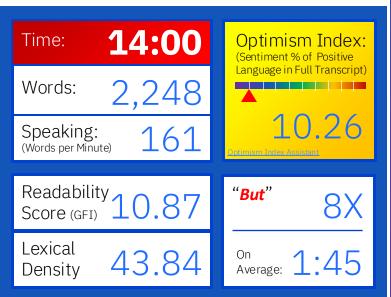
Philosopher, Neuroscientist, Author, Podcaster.



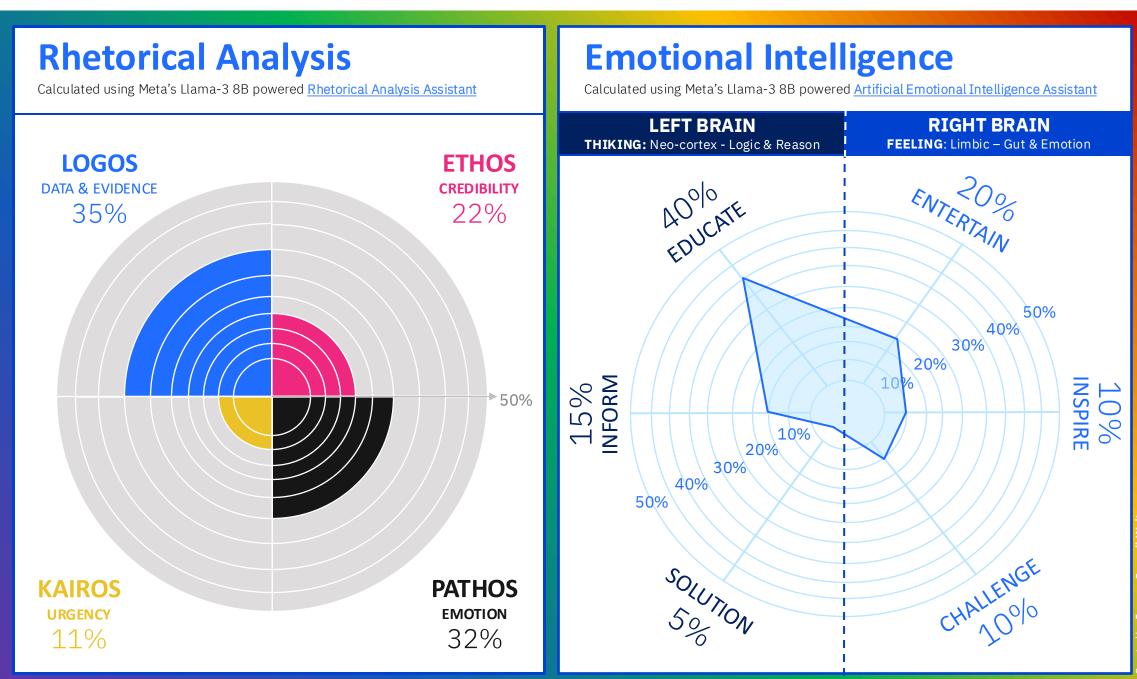
**Can We Build AI Without Losing Control Over It?** 

### **TED Summit** June 2016

https://www.ted.com/talks/sam\_harris\_can\_we\_build\_ai\_without\_losing\_contr ol\_over\_it



Cold Open:



"I'm going to talk about a failure of intuition that many of us suffer from. It's really a failure to detect a certain kind of danger.

I'm going to describe a scenario that I think is both terrifying and likely to occur, and that's not a good combination, as it turns out..."

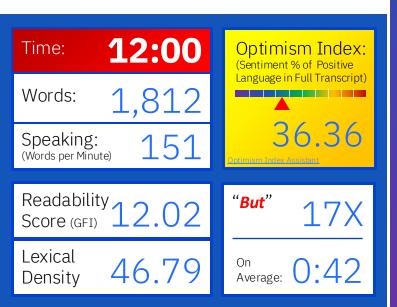
# Liv Boeree

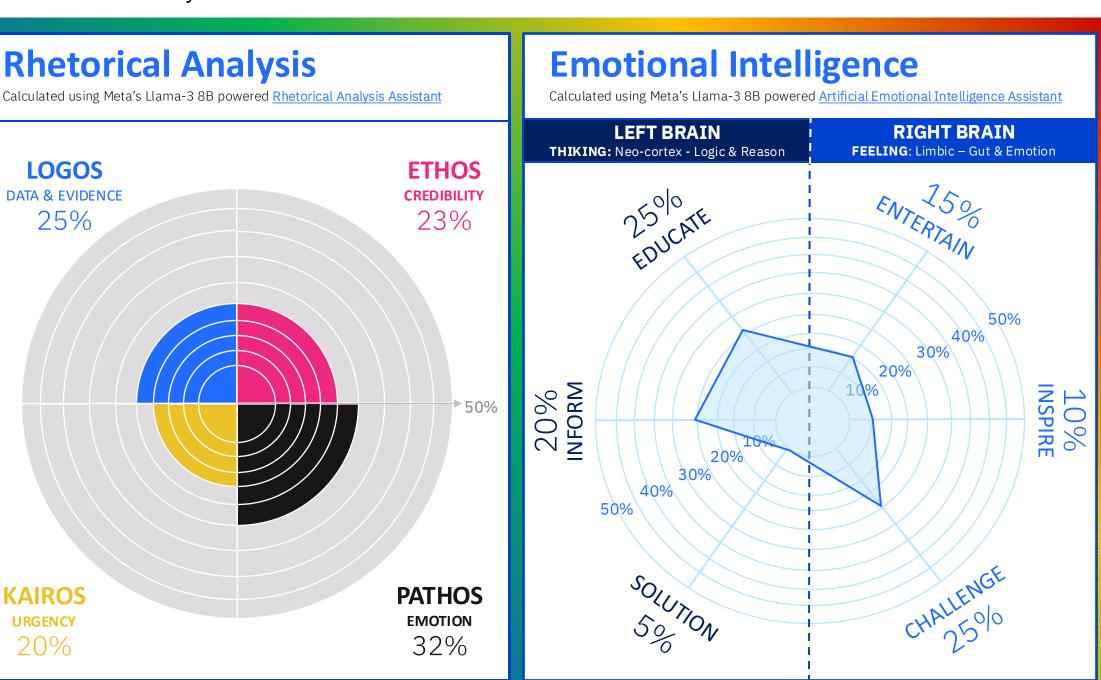
Science Communicator, Former Professional Poker Player & Broadcaster.



**The Dark Side of Competition in AI** 

**TED**AI October 2023 https://www.ted.com/talks/liv\_boeree\_the\_dark\_side\_of\_competition\_in\_ai/





Cold Open:

"Competition. It's a fundamental part of human nature. I was a professional poker player for 10 years, so I've very much seen all the good, bad and ugly ways it can manifest. When it's done right, it can drive us to incredible feats in sports and innovation, like when car companies compete over who can build the safest cars or the most efficient solar panels..."

# **Maurice** Conti

Personality Type

**Intuitive AI** 

**TEDxPortland** 

April 2016

ve\_ai

Time:

Words:

Speaking:

(Words per Minute)

Readability

47.1

Average: 1:10

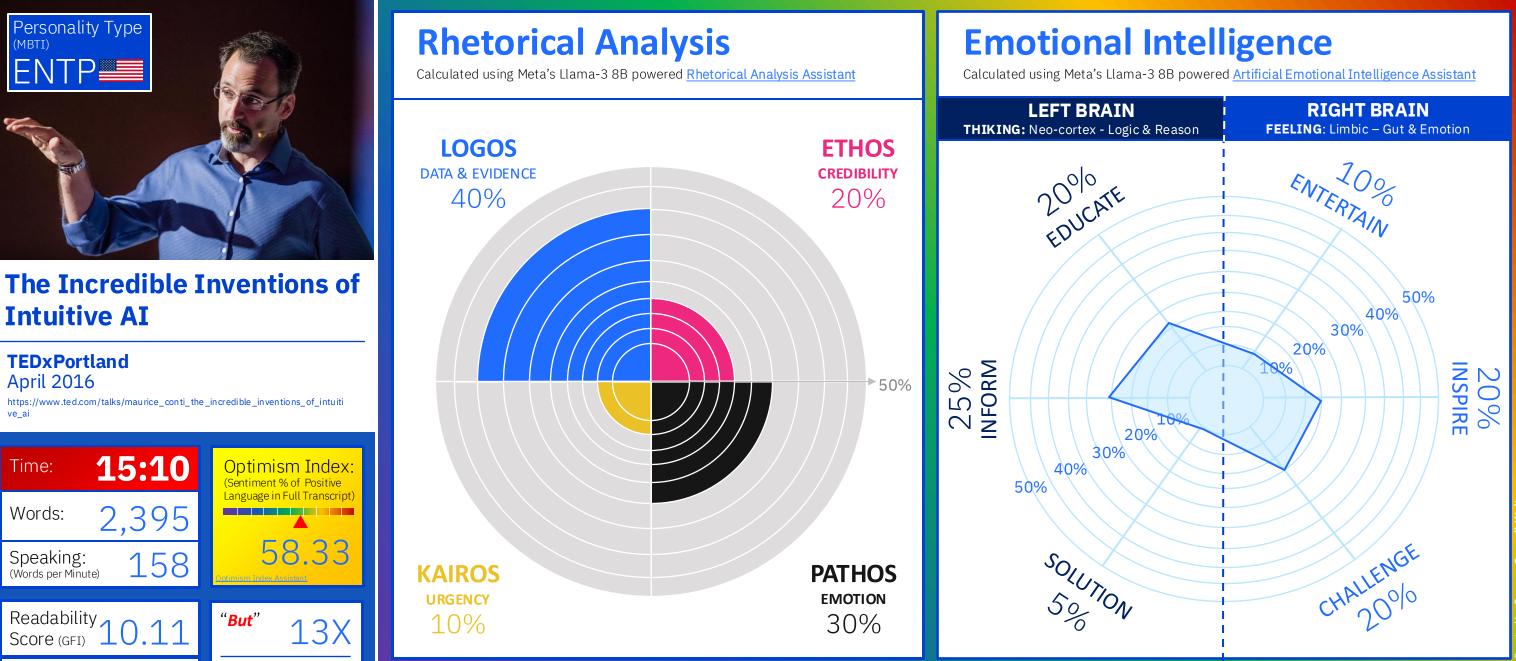
Score (GFI)

Lexical

Density

(MBTI) FΝ

AI Visionary, Futurist & Keynote Speaker.



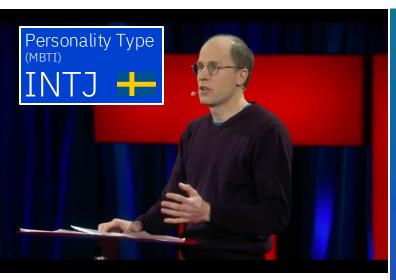
### Cold Open:

"How many of you are creatives, designers, engineers, entrepreneurs, artists, or maybe you just have a really big imagination? Show of hands? That's most of you. I have some news for us creatives...

Over the course of the next 20 years, more will change around the way we do our work than has happened in the last 2,000."

# **Nick Bostrom**

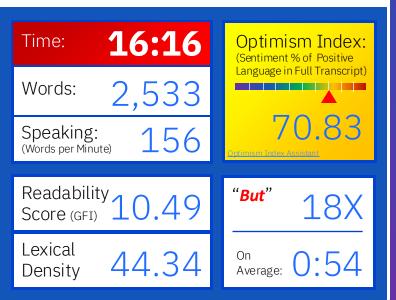
Philosopher & Author of 200+ Publications on Existential Risk, Human Enhancement Ethics & Superintelligence.

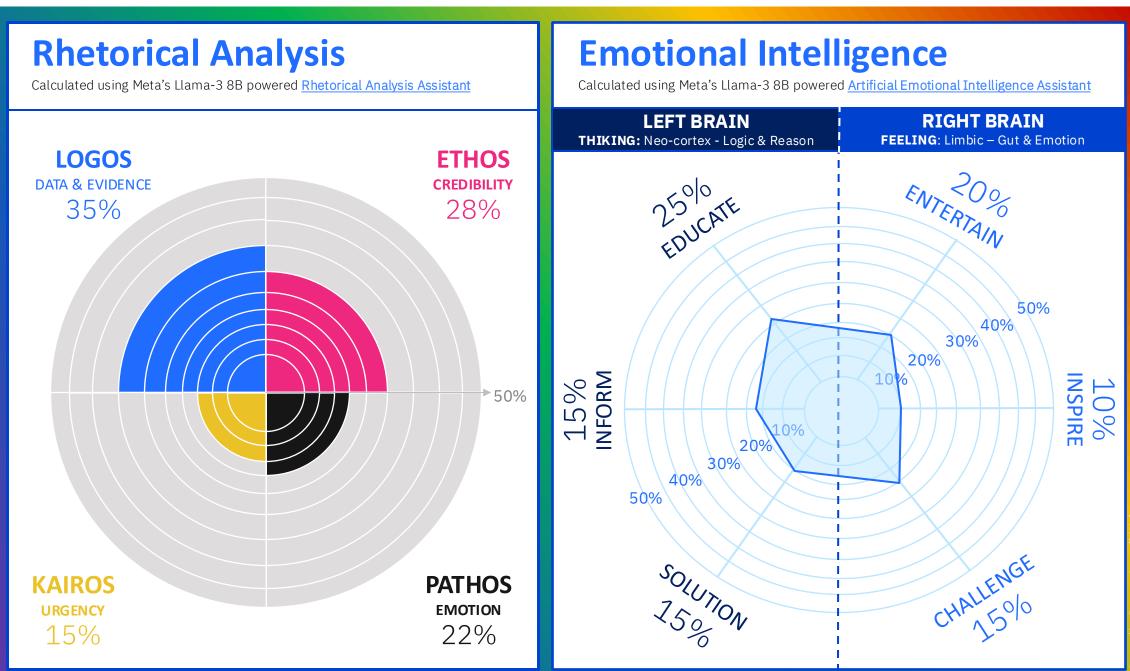


What Happens When AI **Gets Smarter Than We Are?** 

### **TED Global** March 2015

https://www.ted.com/talks/nick\_bostrom\_what\_happens\_when\_our\_computer s get smarter than we are





### Cold Open:

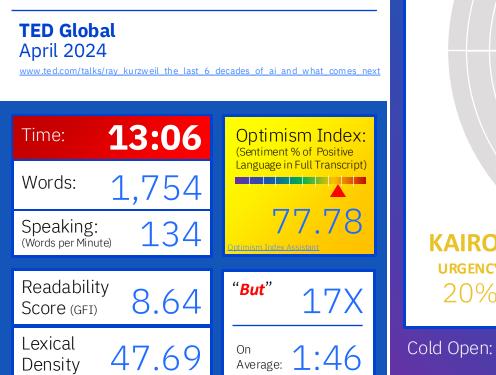
"I work with a bunch of mathematicians, philosophers and computer scientists, and we sit around and think about the future of machine intelligence, among other things. Some people think that some of these things are sort of science fiction-y, far out there, crazy. But I like to say, okay, let's look at the modern human condition..."

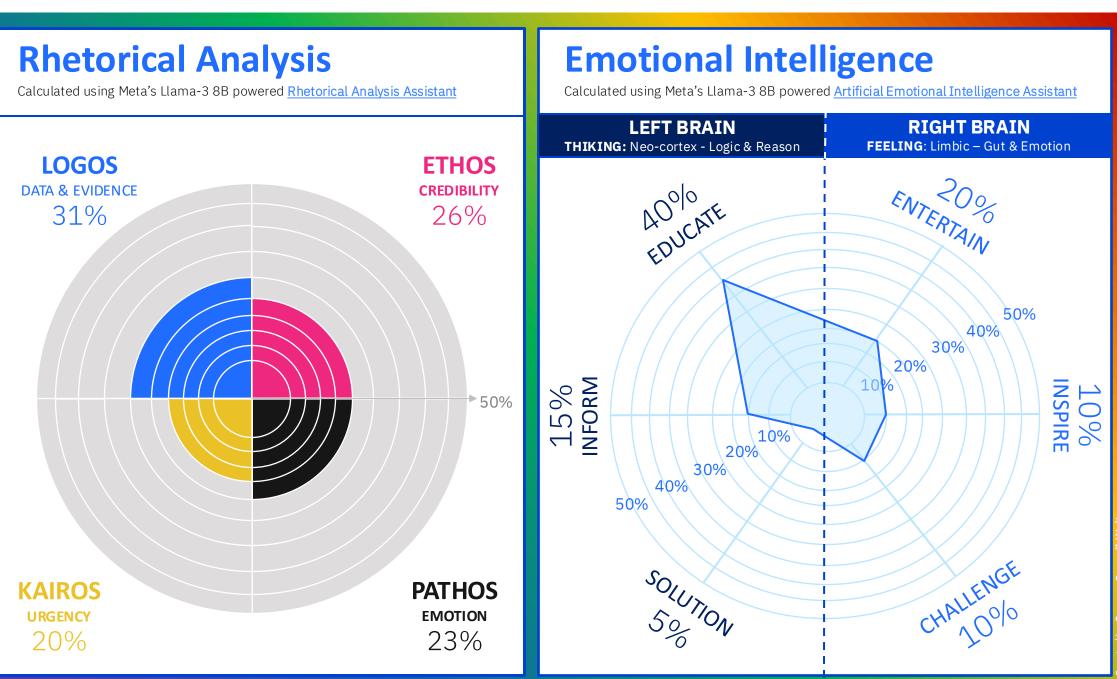
# **Ray Kurzweil**

AI Pioneer, Inventor, Futurist, Author, Director of Engineering @ Google.



**6 Decades of AI** & What Comes Next?





And we've heard a lot about what people think about AI today. So I tried to figure out, what did we think about artificial intelligence 61 years ago ... "

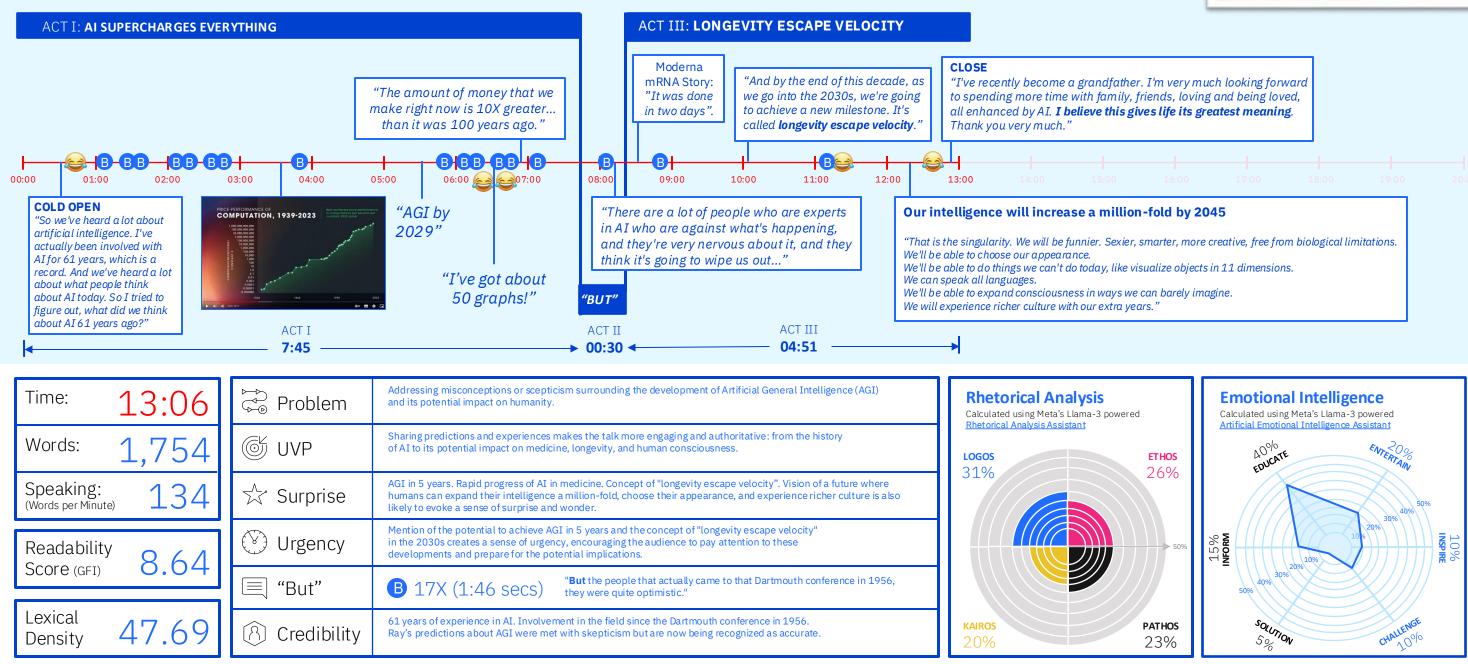
## watsonx

"So we've heard a lot about artificial intelligence. I've actually been involved with AI for 61 years, which is a record.

# 6 Decades of AI & What Comes Next

## **RAY KURZWEIL**: TED2024, Vancouver (April 15<sup>th</sup>, 2024)

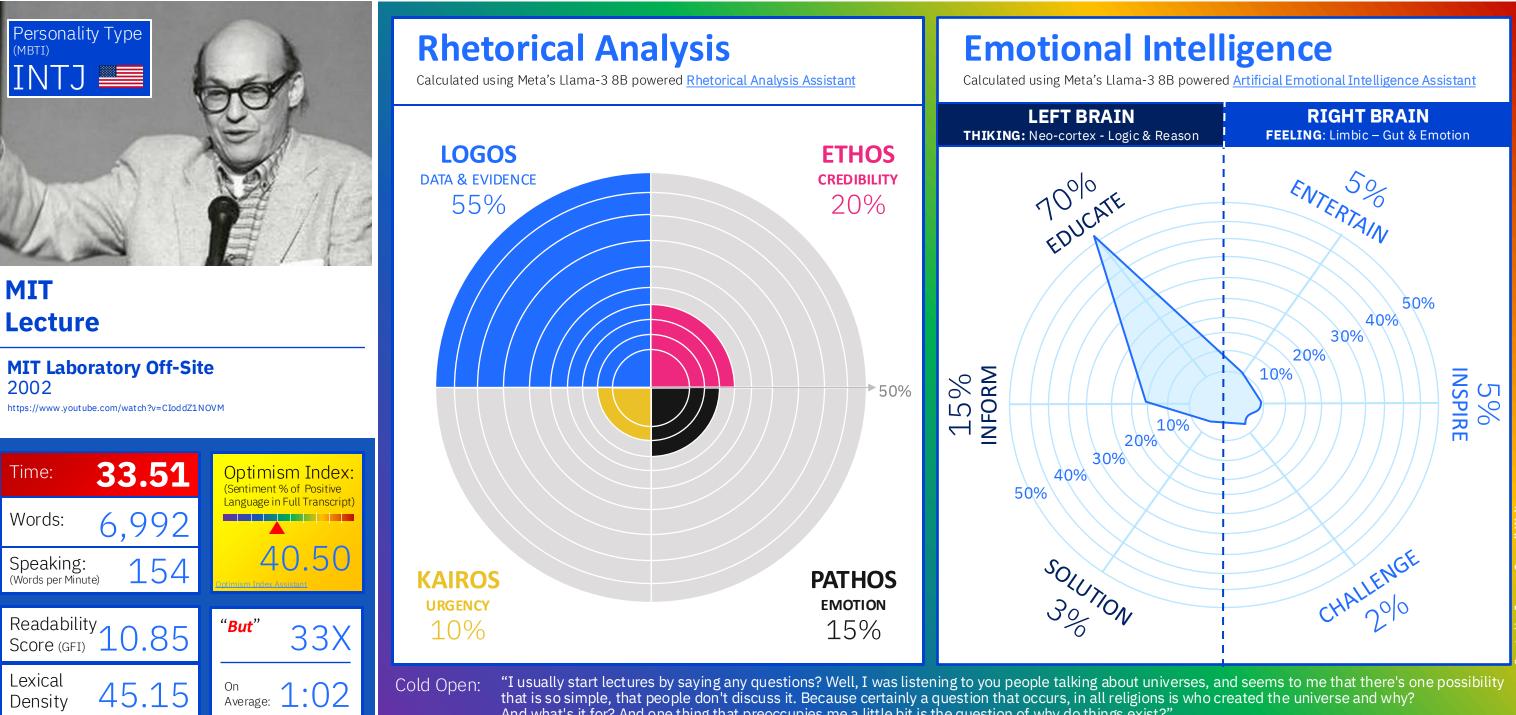
www.ted.com/talks/ray kurzweil the last 6 decades of ai and what comes next





# Marvin Minsky

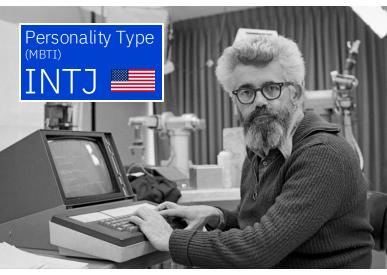
The Father of Artificial Intelligence. Co-Founder MIT AI Laboratory, Cognitive Computer Scientist & Author.



And what's it for? And one thing that preoccupies me a little bit is the question of why do things exist?"

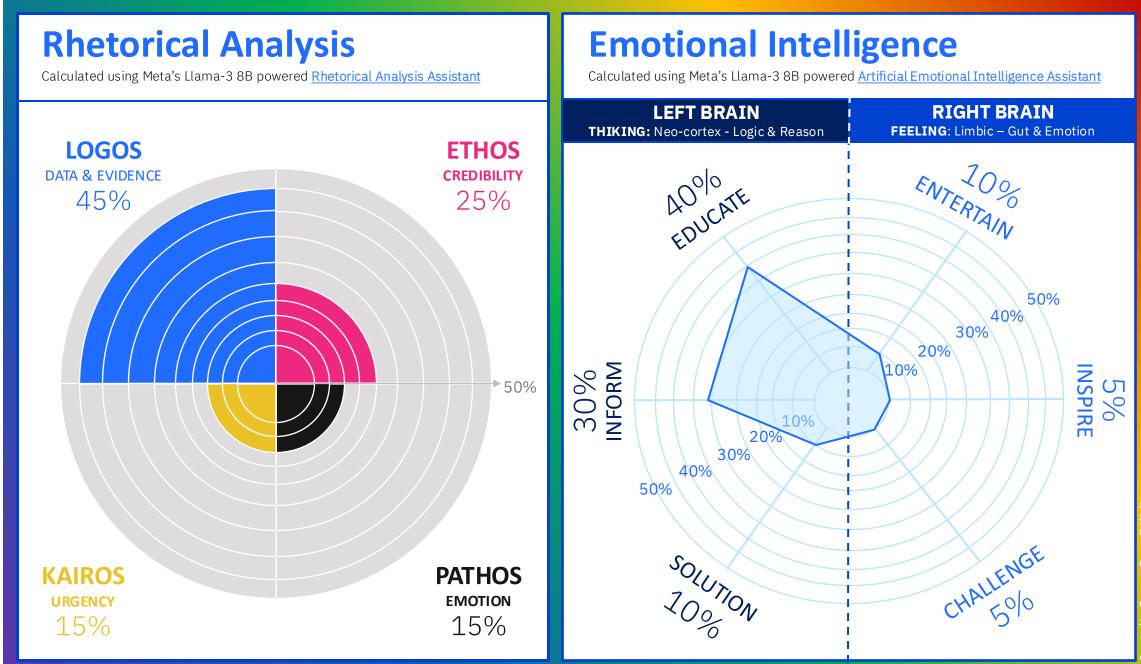
# John McCarthy

Co-Founder of the Discipline of Artificial Intelligence.



**The Science of Artificial Intelligence** 

### Interview March 1989 https://www.youtube.com/watch?v=Ozipf13jRr4 15:15 Time: **Optimism Index:** (Sentiment % of Positive Language in Full Transcript) 2,018 Words: 51.85 Speaking: 132 (Words per Minute) Readability \_ "But" 11X 13.84 Score (GFI) Lexical 41.71 Un Average: 1:23 Density

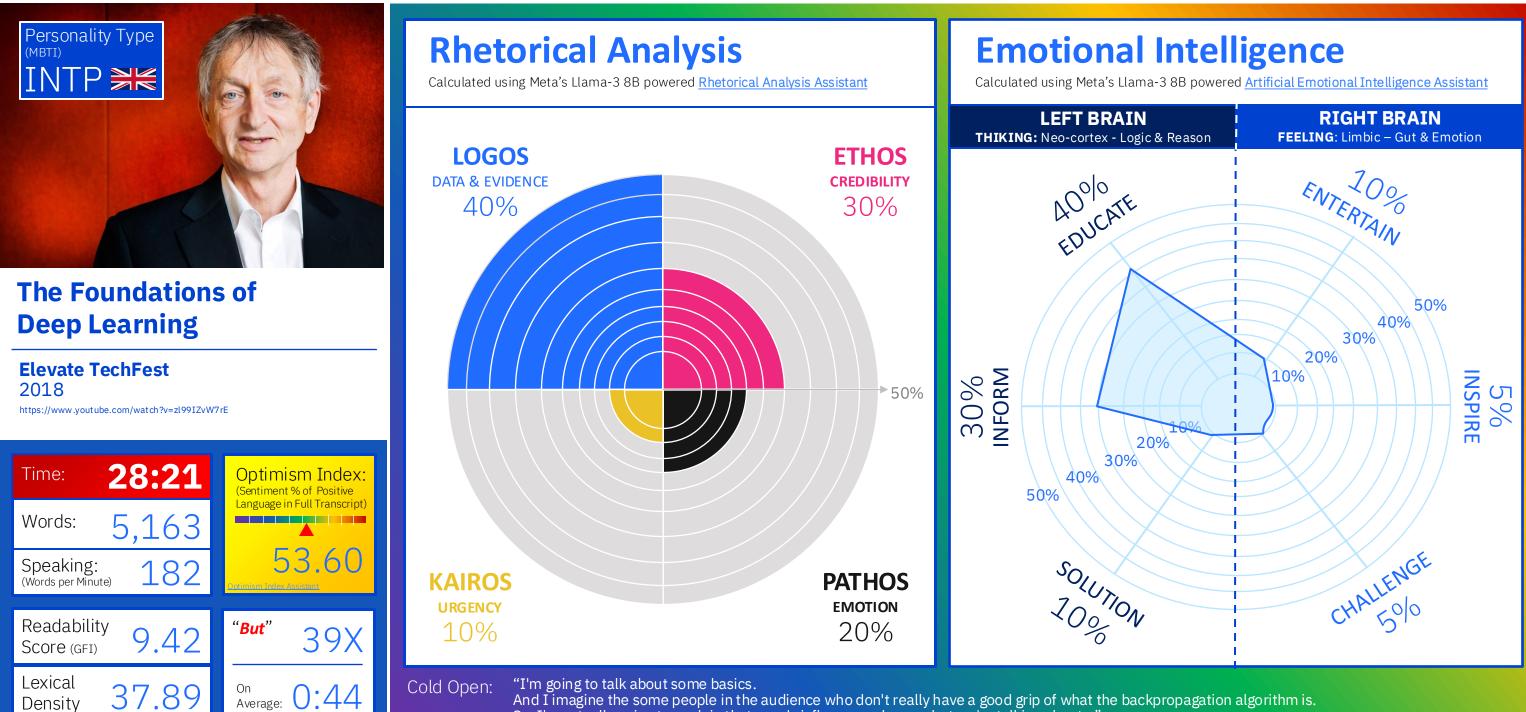


### Cold Open:

"I started my work on artificial intelligence in about 56, although I became really interested before that in 49 when I was a beginning graduate student in mathematics. I would say that the field has made somewhat less project progress than I hoped, although I didn't have any definite opinion as to how fast it would progress..".

# **Geoffrey Hinton**

The Godfather of Modern AI & Deep Learning. Cognitive Psychologist, University Professor Emeritus @ University of Toronto.



So, I'm actually going to explain that very briefly, so you know what we're talking about..."

# **Stuart Russell**

Professor of Computer Science @ University of Berkeley, Founder of Centre for Human-Compatible AI, Time 100 Most Influential (AI).

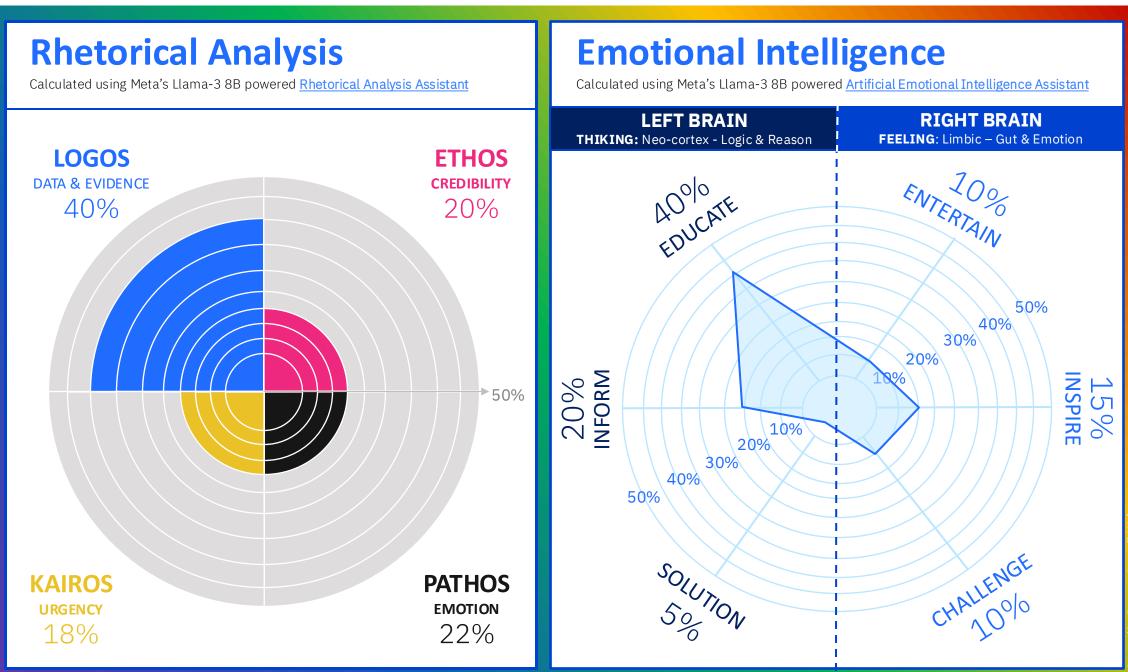


**3 Principles for Creating Safer AI** 

### **TED Global** April 2017

https://www.ted.com/talks/stuart\_russell\_3\_principles\_for\_creating\_safer\_ai/tr anscript?





Cold Open:

"This story begins in 1985, when at age 22, I became the World Chess Champion after beating Anatoly Karpov. Earlier that year, I played what is called simultaneous exhibition against 32 of the world's best chess-playing machines in Hamburg, Germany. I won all the games, and then it was not considered much of a surprise that I could beat 32 computers at the same time. To me, that was the golden age. Machines were weak, and my hair was strong..."

# Yejin Choi

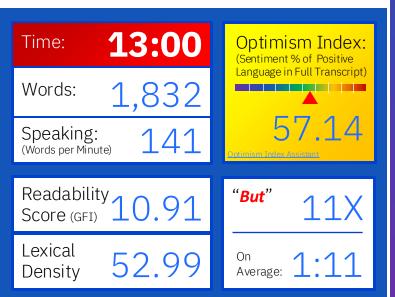
Wissner-Slivka Chair of Computer Science @ University of Washington, MacArthur Fellow & NLP Researcher.

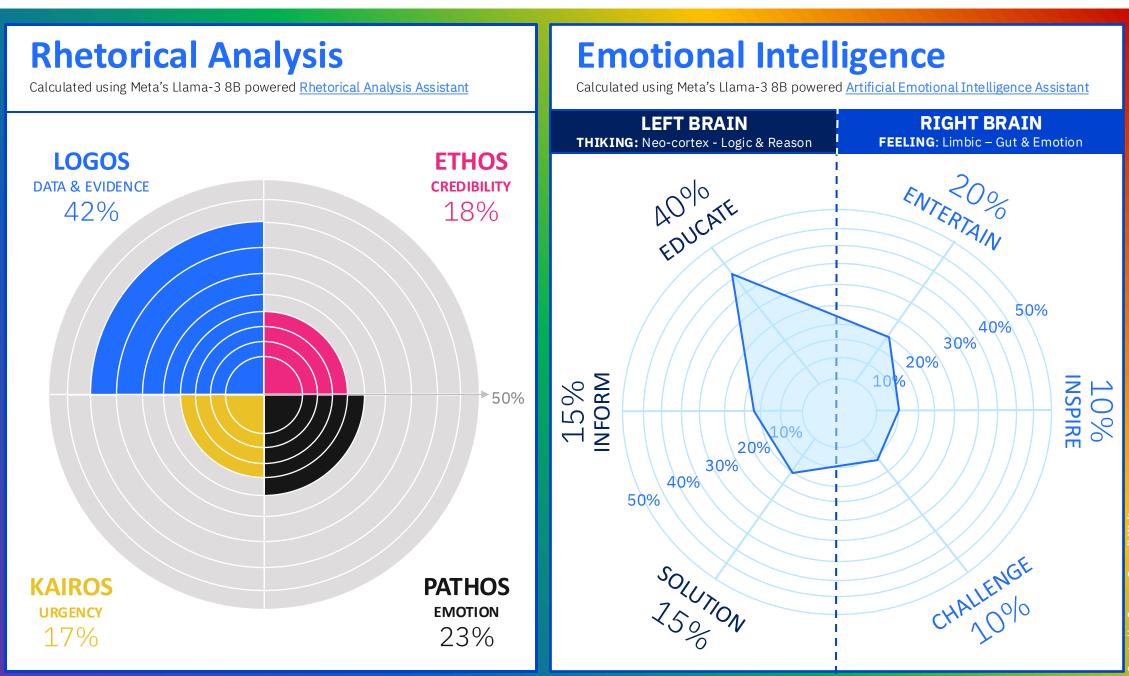


Why AI is Incredibly Smart & Shockingly Stupid

### **TED Global April 2023**

https://www.ted.com/talks/yejin\_choi\_why\_ai\_is\_incredibly\_smart\_and\_shocki ngly\_stupid





Cold Open:

"So I'm excited to share a few spicy thoughts on AI. But first, let's get philosophical by starting with this quote by Voltaire, an 18th century Enlightenment philosopher, who said, 'Common sense is not so common.' Turns out this quote couldn't be more relevant to artificial intelligence today. Despite that, AI is an undeniably powerful tool, beating the world-class "Go" champion, acing college admission tests and even passing the bar exam...?

# Joy Buolamwini

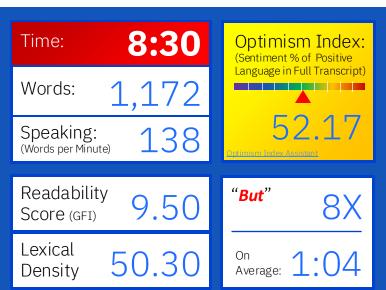
Poet of Code, Computer Scientist & Founder of Algorithmic Justice League.

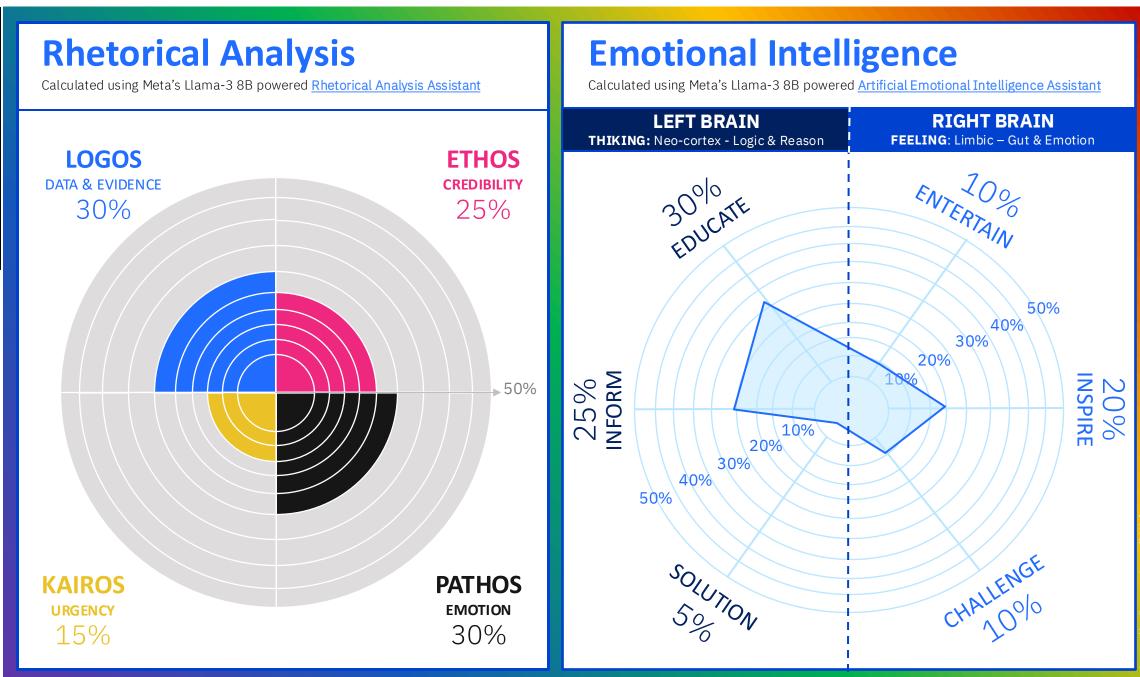


**How I'm Fighting Bias** in Algorithms

### **TEDxBeaconStreet** November 2016

https://www.ted.com/talks/joy\_buolamwini\_how\_i\_m\_fighting\_bias\_in\_algorithms





## Cold Open:

"Hello, I'm Joy, a poet of code, on a mission to stop an unseen force that's rising, a force that I called "the coded gaze", my term for algorithmic bias. Algorithmic bias, like human bias, results in unfairness. However, algorithms, like viruses, can spread bias on a massive scale at a rapid pace. Algorithmic bias can also lead to exclusionary experiences and discriminatory practices. Let me show you what I mean..."

# **Timnit Gebru**

Co-Founder of Black in AI, Computer Scientist, ex-Google (Ethical AI) & Founder of Distributed AI Research Institute.

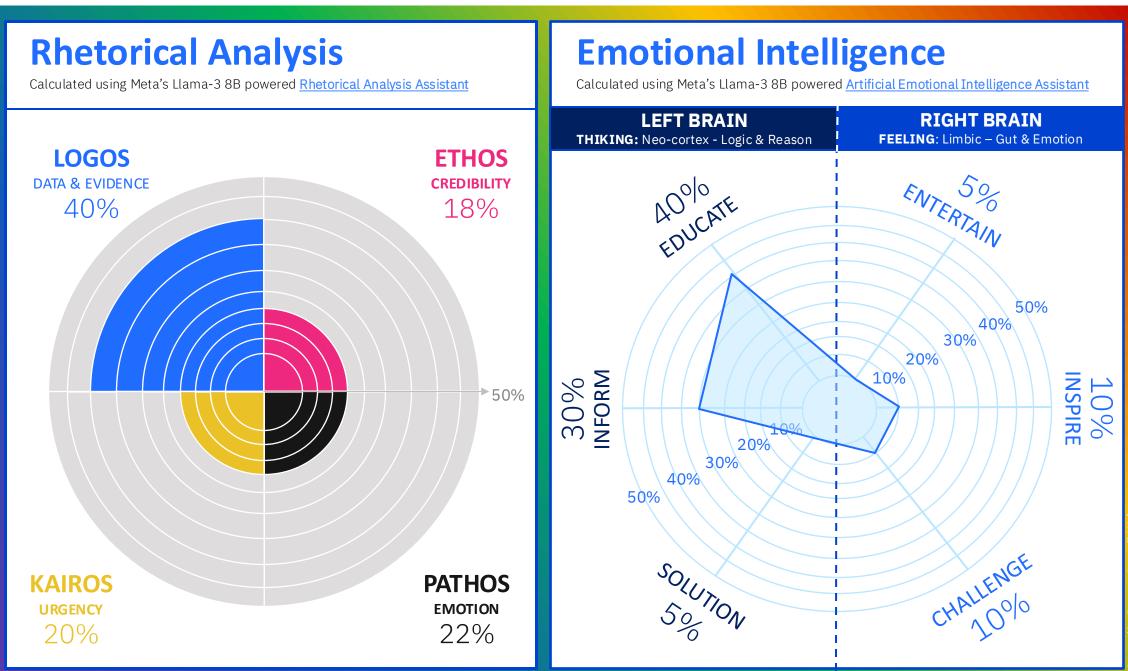


How Can We Stop AI from **Marginalising Communities?** 

### **TEDxCollegePark** June 2018

https://www.ted.com/talks/timnit\_gebru\_how\_can\_we\_stop\_artificial\_intellige nce from marginalizing communities



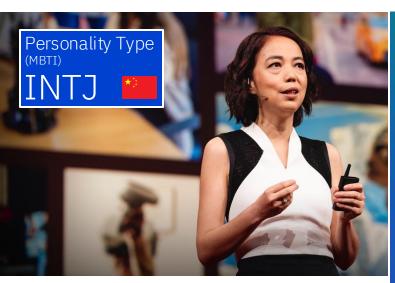


Cold Open:

"When pop culture talks about AI they generally have something like this in mind - some Terminator robot that might take over and kill us all. But what I want to talk to you about today are the invisible algorithms that are all over our lives, but that are not as glamorous as this robot but that I think more important.

# Fei-Fei Li

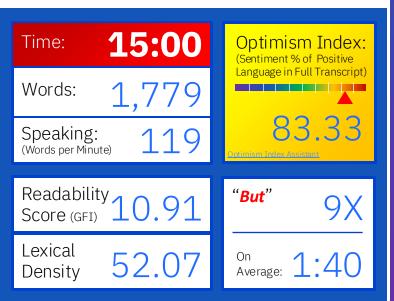
Co-Director of the Stanford Institute for Human-Centred Artificial Intelligence.

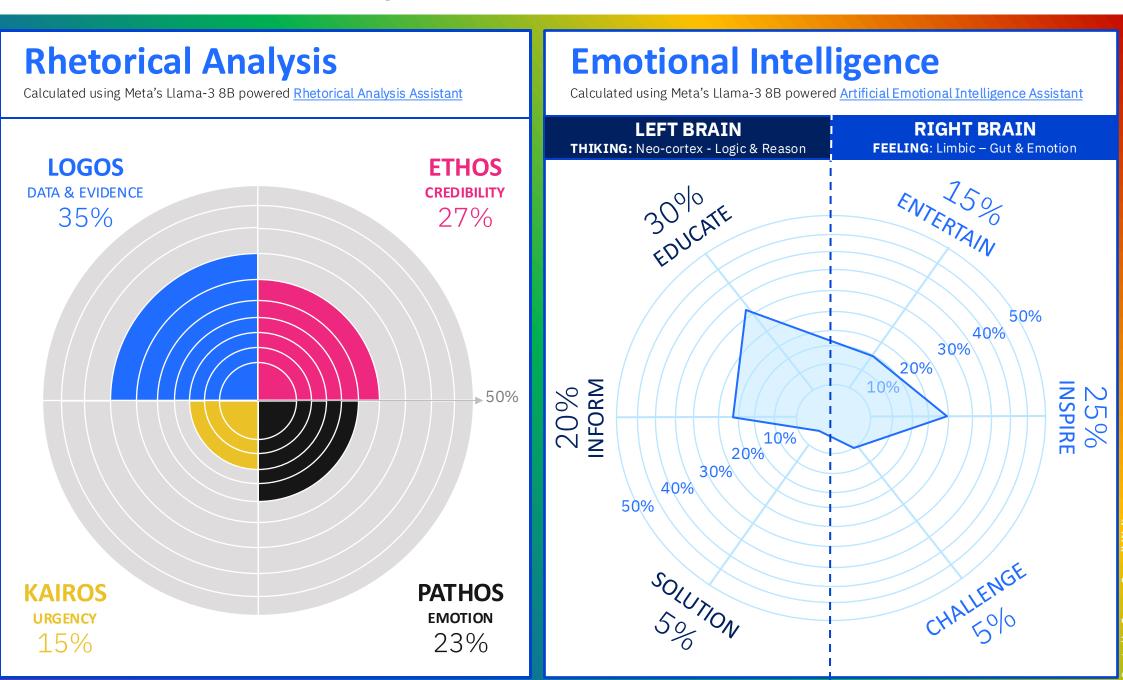


**Spatial Intelligence: AI Will Understand the Real World** 

### **TED Global** April 2024

https://www.ted.com/talks/fei\_fei\_li\_with\_spatial\_intelligence\_ai\_will\_understand\_t he\_real\_world





"Let me show you something. To be precise, I'm going to show you nothing. This was the world 540 million years ago. Pure, endless darkness. Cold Open: It wasn't dark due to a lack of light. It was dark because of a lack of sight. Although sunshine did filter 1,000 meters beneath the surface of ocean, a light permeated from hydrothermal vents to seafloor, brimming with life, there was not a single eye to be found in these ancient waters..."

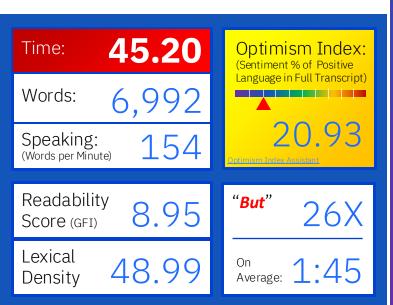
# Sam Altman

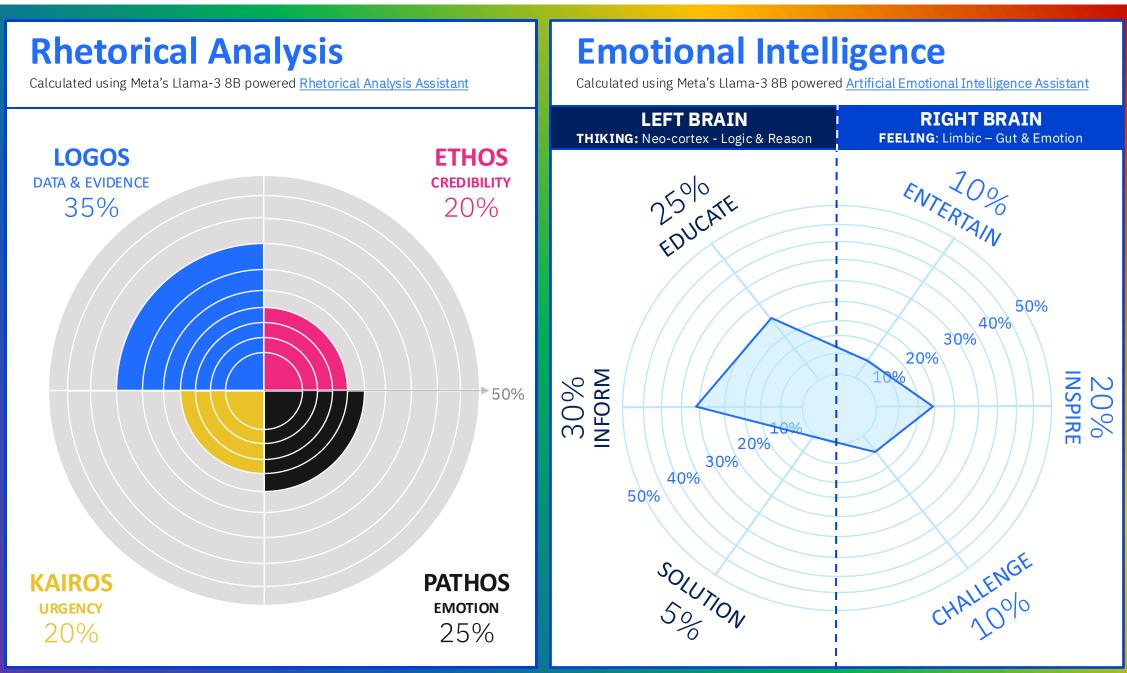
CEO @ OpenAI, Former President of Y-Combinator, Co-Founder Hydrazine Capital & Chairman @ Oklo Inc. & Helion Energy



## **OpenAI DevDay Opening Keynote**

**DevDay 2024** November 2023 https://www.youtube.com/watch?v=U9mJuUkhUzk





## Cold Open:

"Good morning. Welcome to our first-ever OpenAI DevDay. We're thrilled that you're here and this energy is awesome. Welcome to San Francisco. San Francisco has been our home since day one. The city is important to us and the tech industry in general. We're looking forward to continuing to grow here. We've got some great stuff to announce today, but first, I'd like to take a minute to talk about some of the stuff that we've done over the past year ...

# **Greg Brockman**

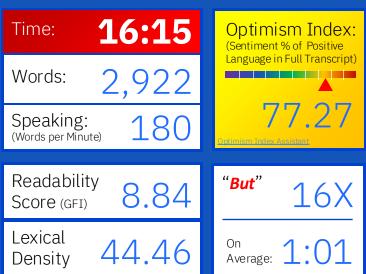
President @ OpenAI

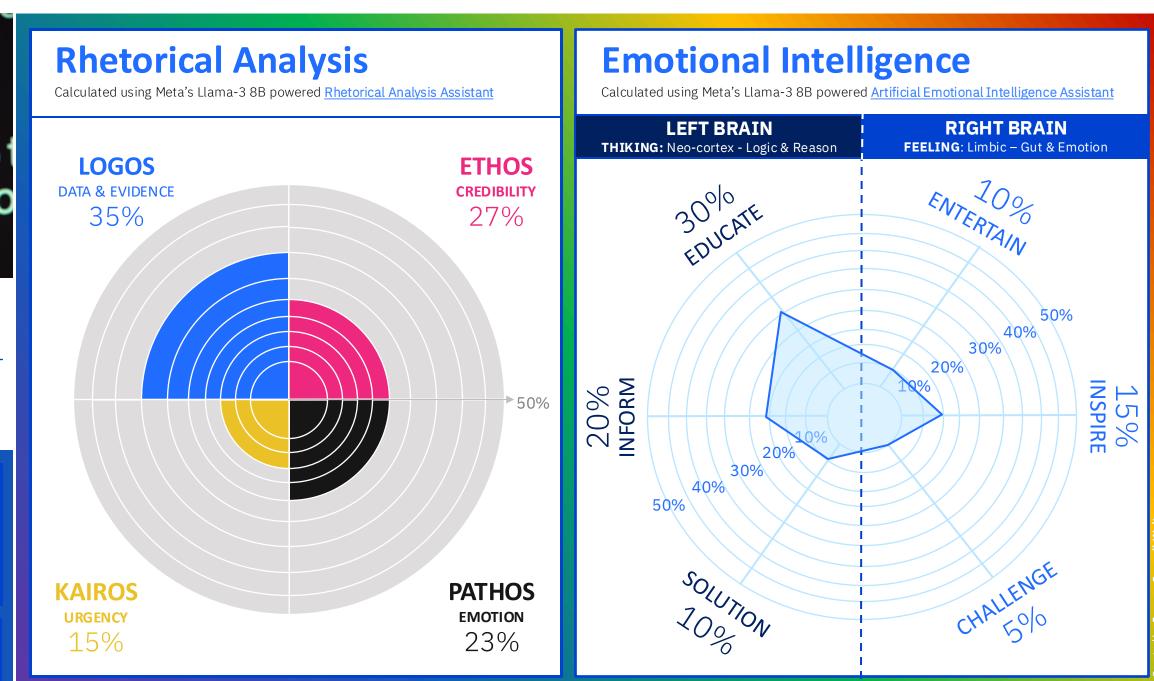


**The Inside Story: ChatGPT's Astonishing Potential** 

### **TED Global** April 2023

https://www.ted.com/talks/greg\_brockman\_the\_inside\_story\_of\_chatgpt\_s\_ast on ishing\_potential



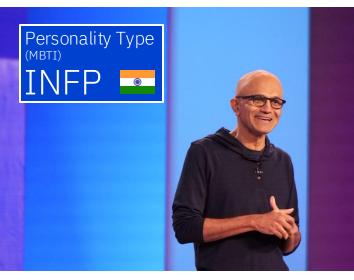


Cold Open:

"We started OpenAI seven years ago because we felt like something really interesting was happening in AI – and we wanted to help steer it in a positive direction. It's honestly just really amazing to see how far this whole field has come since then...'

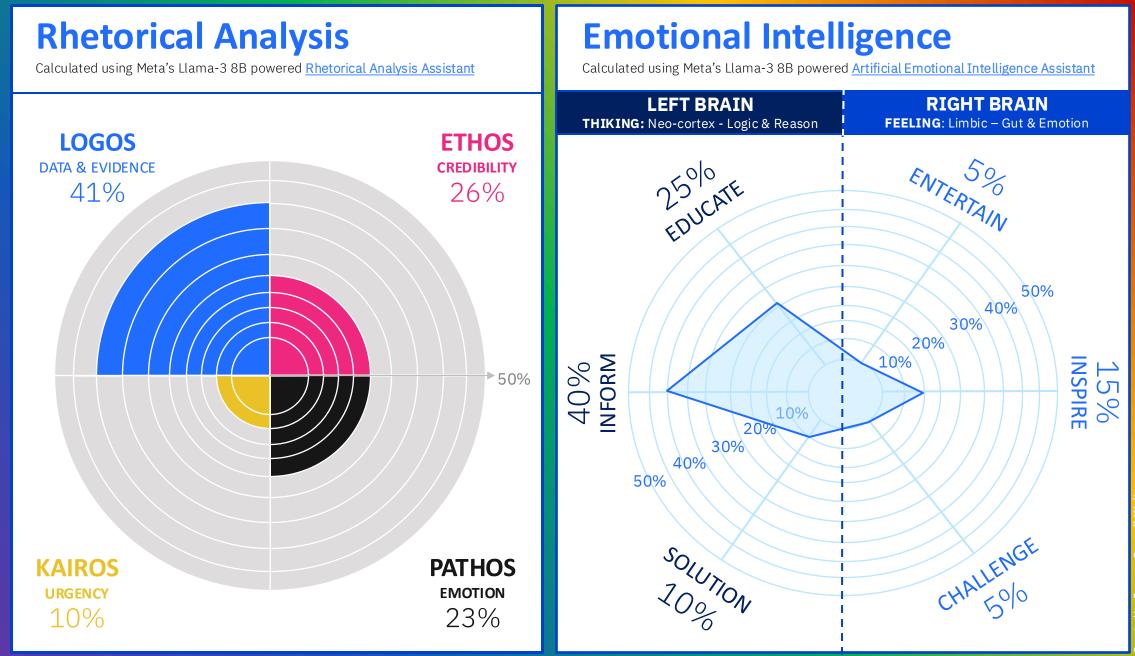
# Satya Nadella

Chairman & CEO @ Microsoft



**Microsoft Build 2024 Opening Keynote** 

**Build 2024** May 2024 https://www.youtube.com/watch?v=80viTSFqucI 50:30 Time: **Optimism Index:** (Sentiment % of Positive Language in Full Transcript) Words: 7,054 74.40Speaking: 140 (Words per Minute) Readability \_ "But" 15X <sup>y</sup>10.80 Score (GFI) Lexical 51.22 On Average: 3:22 Density



### Cold Open:

"Good morning. It's fantastic to be back here at Microsoft Build. Welcome to everyone here and joining us on the web. You know, developer conferences are always most exciting, most fun when there's these fundamental changes that you can sense in the air. You know, I've marked all my adult life by coming to PDCs and Builds for the last three decades..."

# Mustafa Suleyman

CEO Microsoft AI.

Personality Type

FP 😹

(MBTI)

**TED Global** 

April 2024

Time:

Words:

Speaking:

Lexical

Density

(Words per Minute)

Readability \_

Score (GFI) 10.02

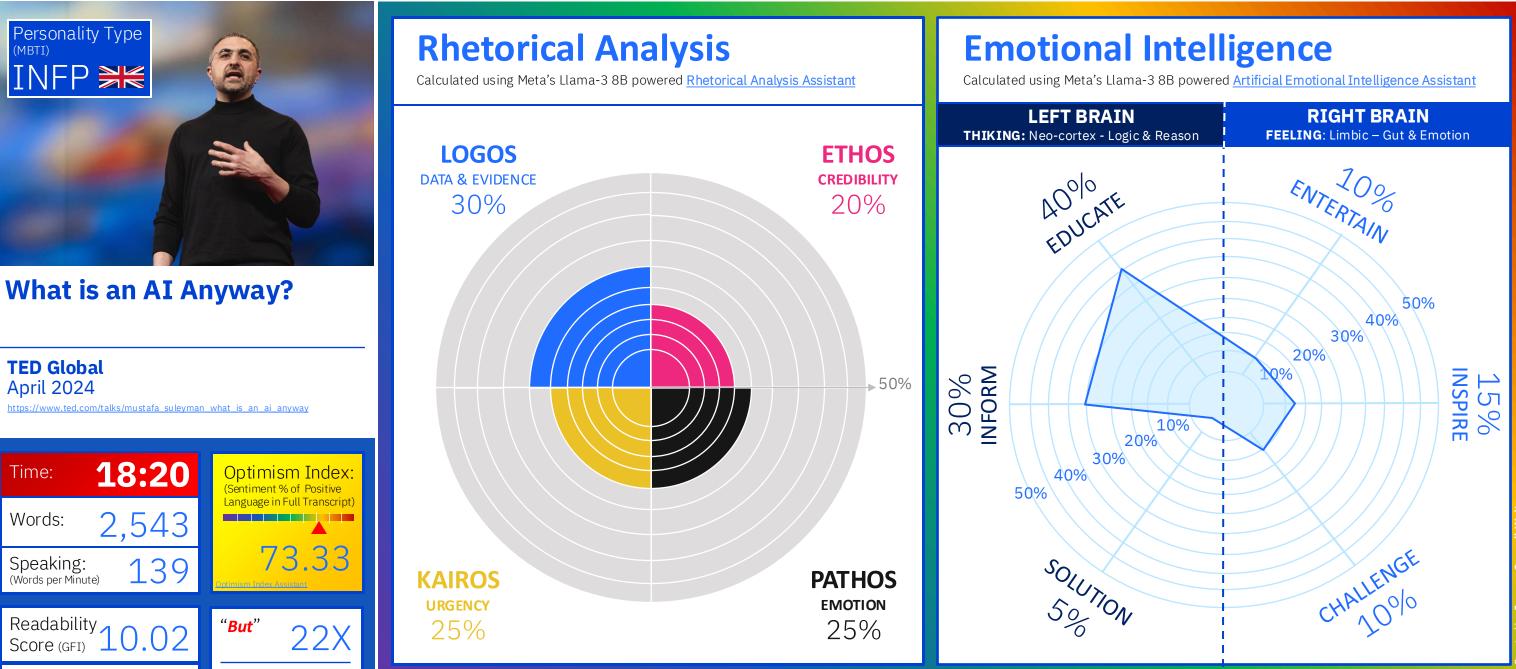
18:20

2,543

47.22

Average: 0:50

139



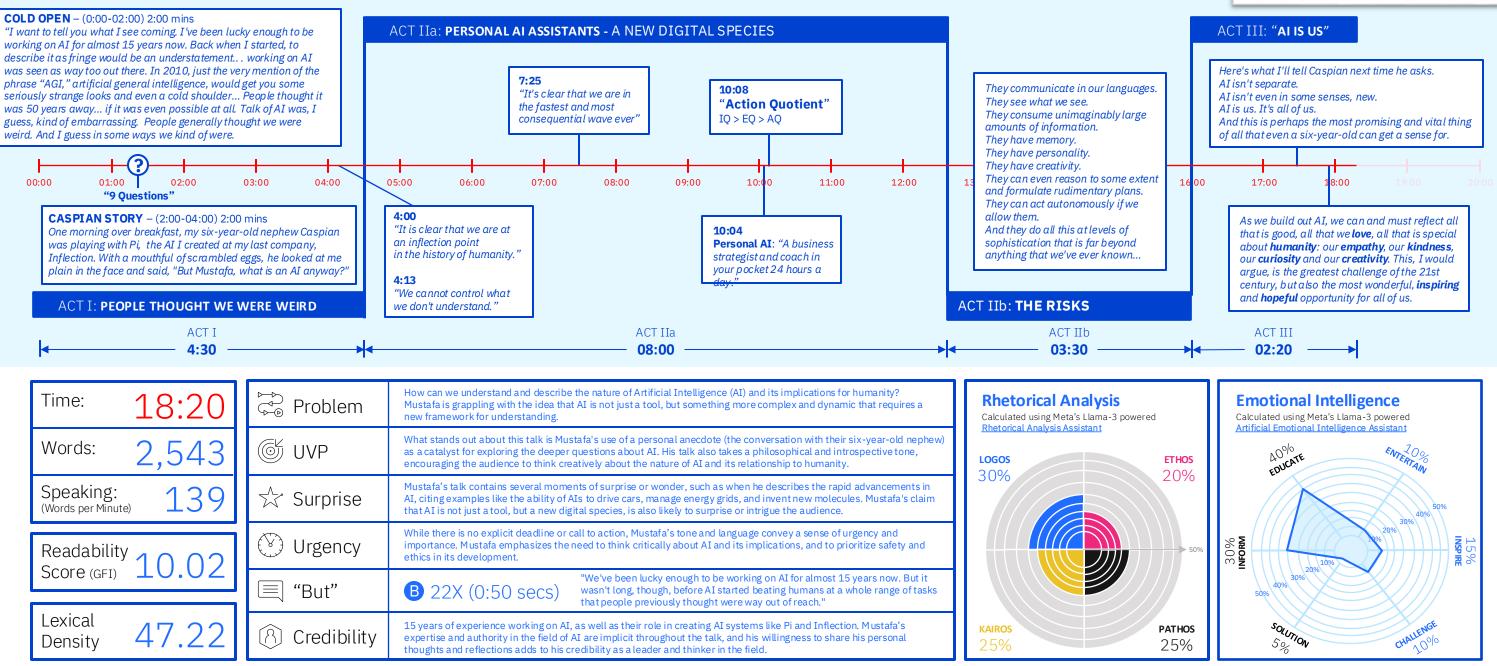
Cold Open:

"We have to push our analogies and our metaphors to the very limits to be able to grapple with what's coming. Because this is not just another invention. AI is itself an infinite inventor. And yes, this is exciting and promising and concerning and intriguing all at once..."

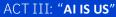
# What is an Al Anyway?

## **MUSTAFA SULEYMAN**: TED2024, Vancouver (April 22<sup>nd</sup>, 2024)

https://www.ted.com/talks/mustafa suleyman what is an ai anyway







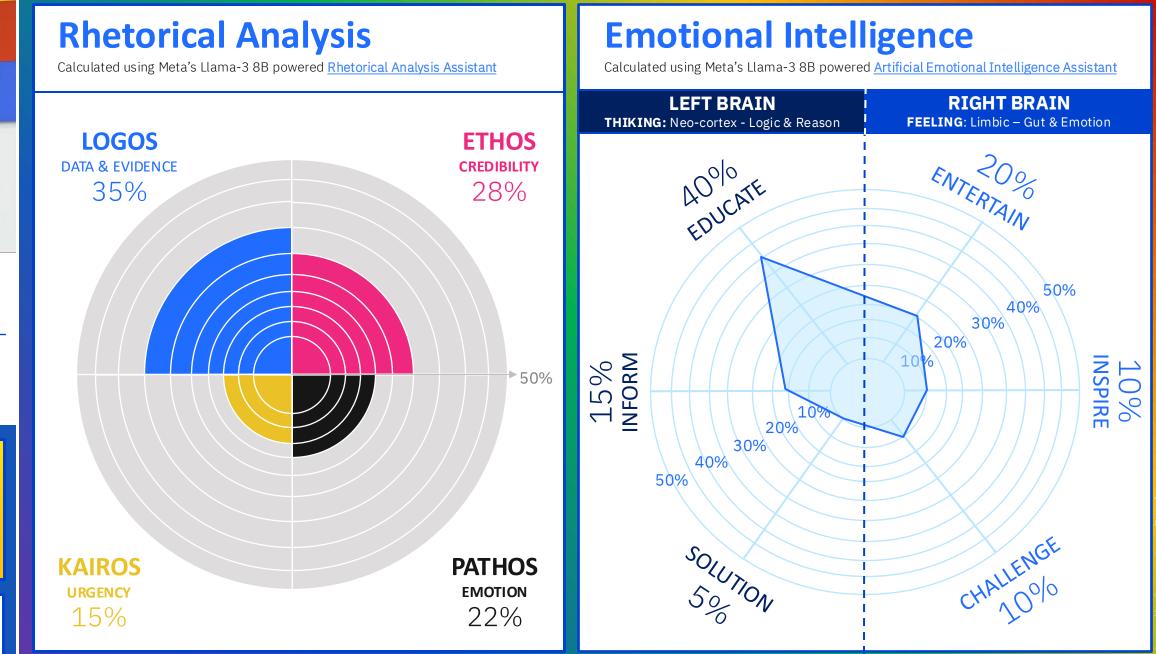
# **Sundar Pichai**

CEO @ Google & Alphabet



## **Google I/O Opening Keynote**

Google I/O May 2024 https://www.youtube.com/watch?v=uFroTufv6es 19:12 Time: **Optimism Index** (Sentiment % of Positive Language in Full Transcript) 2,759 Words: 84.62 Speaking: 143 (Words per Minute) Readability "**But**" 14X 9.46 Score (GFI) Lexical 48.97 On Average: 1:22 Density

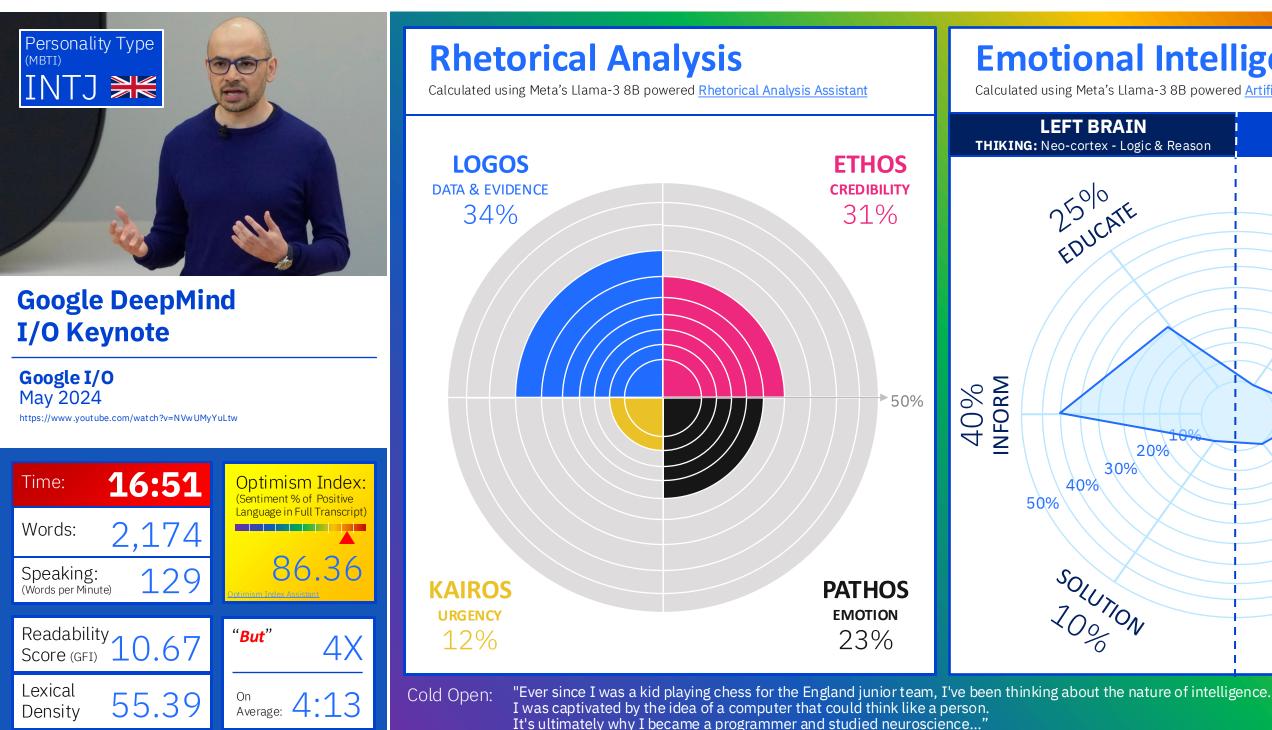


### Cold Open:

"Welcome to Google I/O. It's great to have all of you with us. We have a few thousand developers with us here today at Shoreline. Millions more are joining virtually around the world. Thanks to everyone for being here. For those of you who haven't seen I/O before, it's basically Google's version of the Eras tour, but with fewer costume changes..."

# **Sir Demis Hassabis**

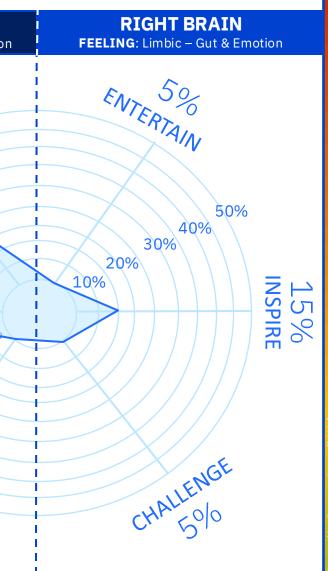
CEO @ Google DeepMind, Nobel Prize Winner (2024), AI Researcher, Co-Founder DeepMind & Time 100 Most Influential (AI)



## watsonx

# **Emotional Intelligence**

Calculated using Meta's Llama-3 8B powered Artificial Emotional Intelligence Assistant



20%

30%

40%

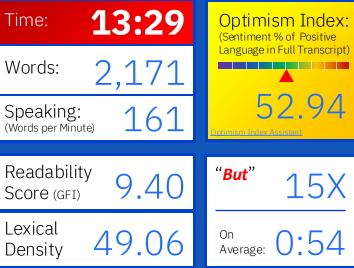
# **Marc Benioff**

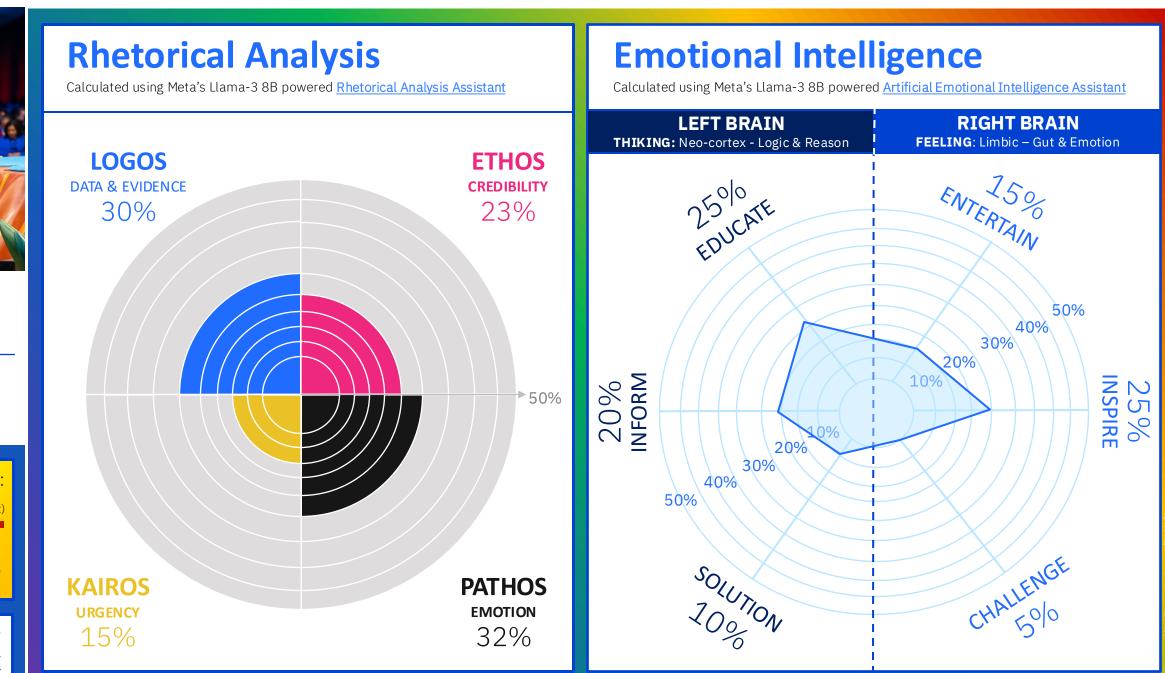
Co-Founder, Chairman & CEO @ Salesforce



## **Dreamforce Opening Keynote**

**Dreamforce** [AI Intro] September 2024 https://www.youtube.com/watch?v=\_Cs-xTQeGfo



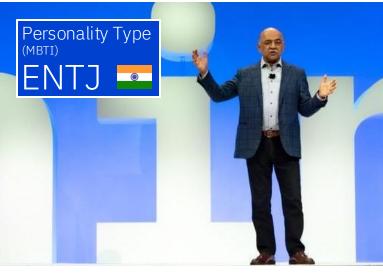


Cold Open:

"Continuously giving back. Now that's part of our core values here at Salesforce. As you probably know, we have a set of core values that we have been working on for about 25 years. And those 25 year core values are still alive and well Trust. Customer Success. Innovation. Equality. Sustainability. And they're more important than ever, especially when you see how it relates to artificial intelligence..."

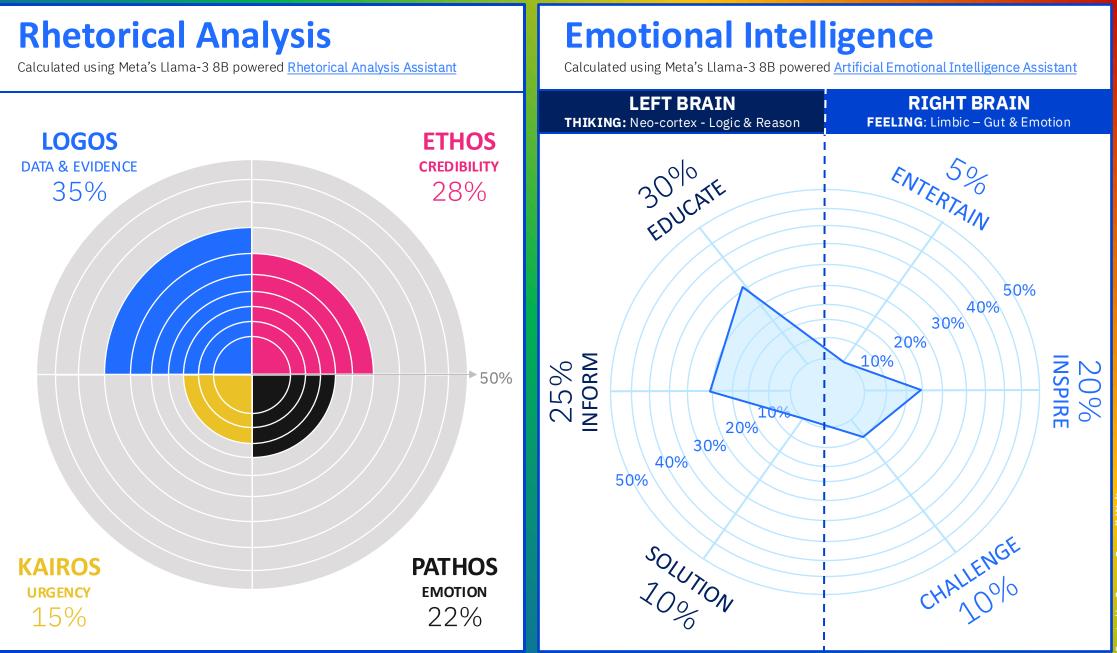
# **Arvind Krishna**

Chairman & CEO @ IBM



**Scaling Your Business with AI & Hybrid Cloud** 

**THINK** [INTRO] May 2024 https://www.youtube.com/watch?v=NdoScvKnFGo 15:00 Time: **Optimism Index** (Sentiment % of Positive Language in Full Transcript) Words: 2,358 84.20 Speaking: 157 (Words per Minute) Readability \_ "But" 15X 0.91 Score (GFI) Lexical 43.97 Un Average: 1:00 Density

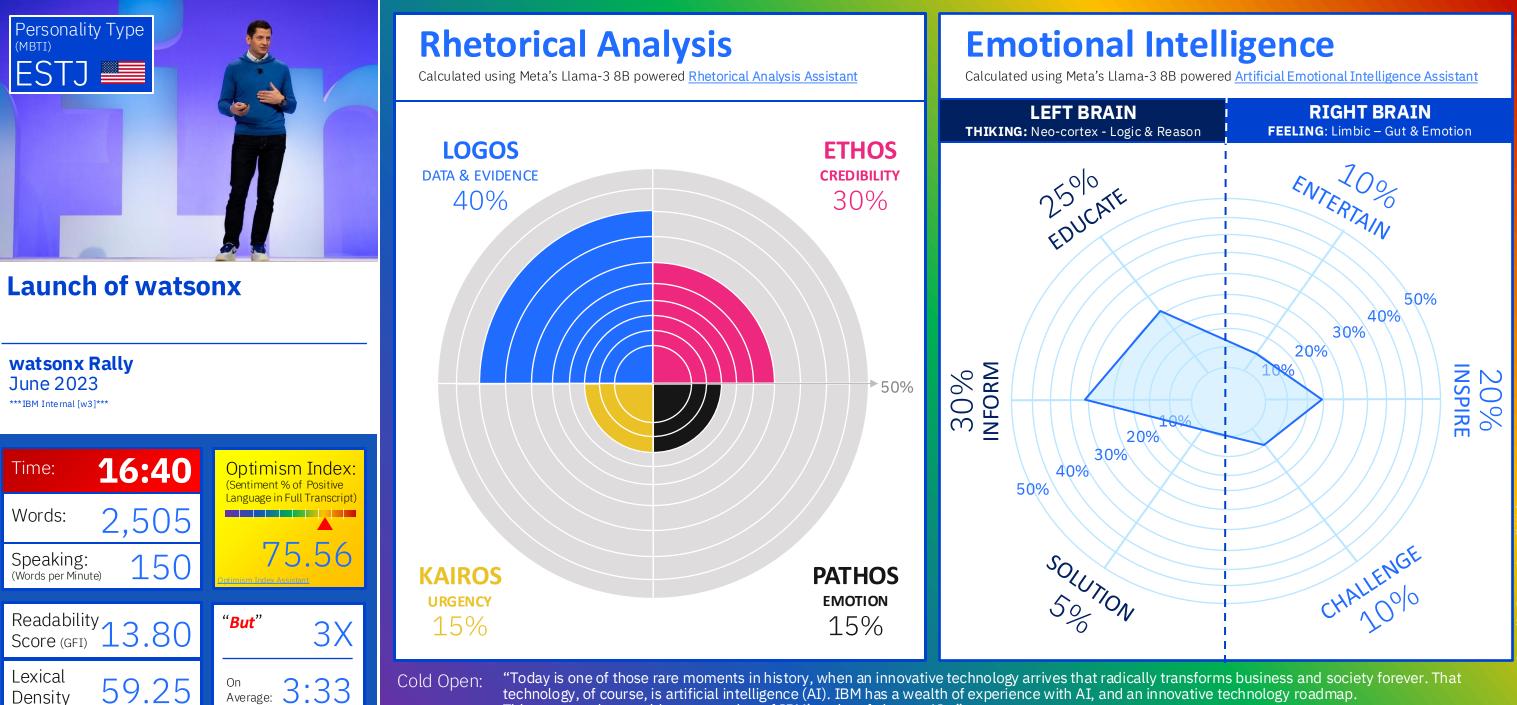


### Cold Open:

"Good morning, everyone, and welcome to Think 2024. It's wonderful to see you all here, and it's incredible that so many business leaders, technologists, innovators are here, are here so you can all learn from each other. When we look at Think, Think is really meant for you, our clients and partners, to help you co-create with each other and together with all of the technologies that you going to see..."

# **Rob Thomas**

SVP, Software & Chief Commercial Officer @ IBM



technology, of course, is artificial intelligence (AI). IBM has a wealth of experience with AI, and an innovative technology roadmap. This presentation provides an overview of IBM's point of view on AI..."

- "The best combination is a good human and a machine." Garry Kasparov
- "By far, the greatest danger of Artificial Intelligence is that people conclude too early that they understand it." Eliezer Yudkowsky
- "Machine intelligence is the last invention that humanity will ever need to make." Nick Bostrom
- "The future is not set in stone, but it is being written in code." Ray Kurzweil •
- "If you want to understand the future, you must know something of the past." Thomas J. Watson Jr.
- "The idea that machines can't do things humans can is a pure myth." Marvin Minsky •
- "Every aspect of learning or any other feature of intelligence can in principle be so precisely described that a machine can be made • to simulate it." John McCarthy
- "A computer would deserve to be called intelligent if it could deceive a human into believing that it was human." Alan Turing •
- "AI doesn't have to be evil to destroy humanity if AI has a goal and humanity just happens to come in the way it will destroy • humanity as a matter of course without even thinking about it, no hard feelings." Elon Musk
- "The key to success with AI is not just having the right data, but also asking the right questions." Ginni Rometty
- "AI can take your job. Or it can amplify what you love." Don Allen III
- "AI is not only for engineers. It brings changes in the dynamic of business, and we have to adapt or die." Satya Nadella
- "AI will not make us obsolete, but it will make us superhuman." Max Tegmark •
- "AI will be the most transformative technology since electricity." Eric Schmidt

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# "Any sufficiently advanced technology is indistinguishable from magic."

# Arthur C. Clarke

of the behaviour of a man. This may be, but I think it is unlikely that there is any great effect of this kind. In any of investigate here the theory of the game, and it will be assumed that the best strategy is to try to provide answers that man, 3. THE MEMINES CANEENHEE (ALE ON THE ALE ON THE A