

### Craig's Clients...

















<u>GM</u>



MITSUBISHI MOTORS









SHARING EXPERTISE











Johnson Johnson

































CEO

A meeting of minds ®



TEC







W



ALPMA
Australian Legal Practice



KING&WOD MALLESONS



USTRALASIA

















MONASH University



**UNSW** 













Fairfax Media









































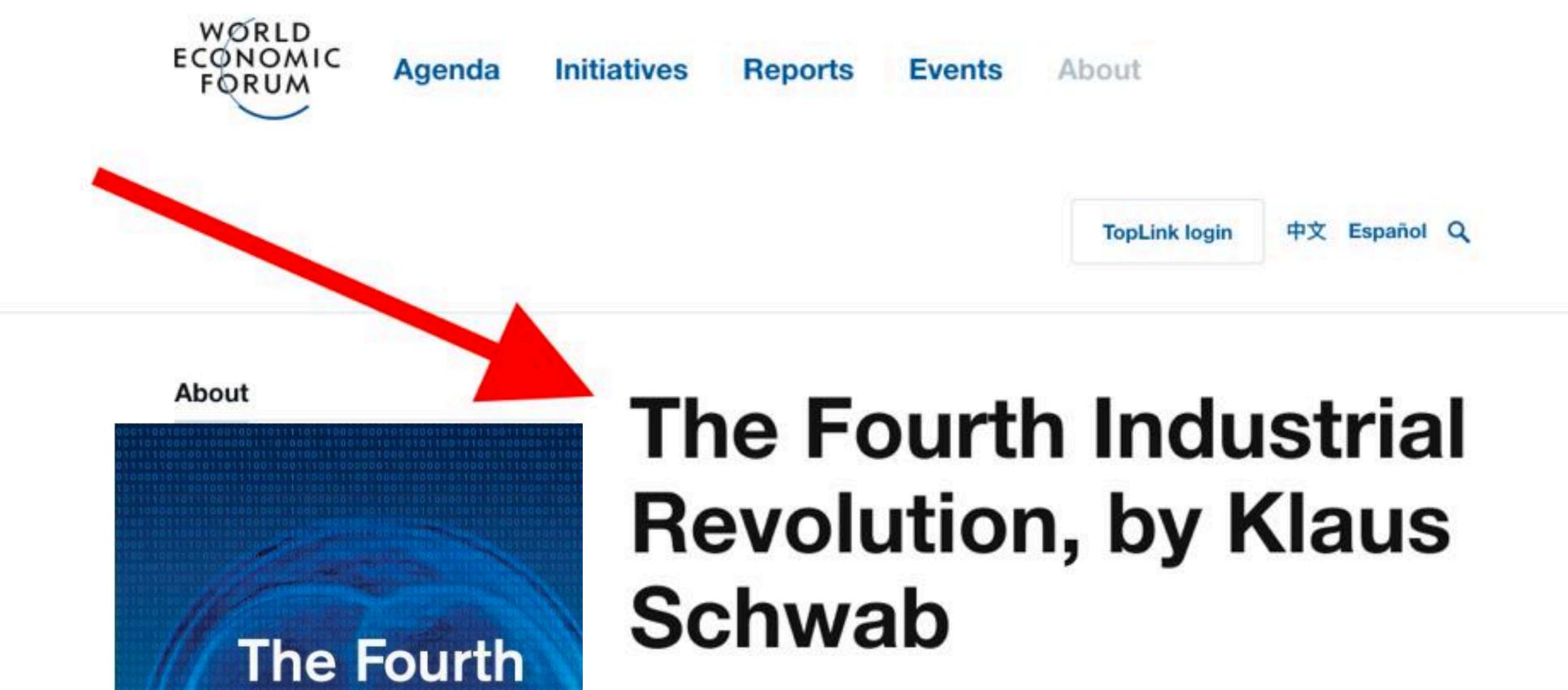






10-100X
Boost in Productivity





Industrial

Klaus Schwab

Revolution

Ubiquitous, mobile supercomputing. Intelligent robots. Selfdriving cars. Neuro-technological brain enhancements. Genetic editing. The evidence of dramatic change is all around us and it's happening at exponential speed.

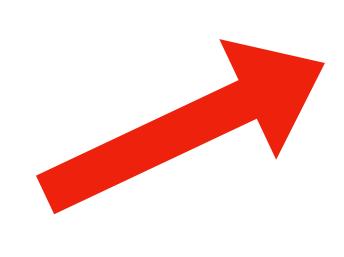
Professor Klaus Schwab, Founder and Executive Chairman of the World Economic Forum, has been at the centre of global affairs for over four decades. He is convinced that we are at the beginning of a revolution that is fundamentally changing the way we live, work and relate to one another, which he explores in his new book, *The Fourth Industrial Revolution*.

Markets



**EVERYTHINGNEWS** 

FEBRUARY 26, 2021 / 7:41 AM / UPDATED 2 YEARS AGO



# Fact check: The World Economic Forum does not have a stated goal to have people own nothing by 2030

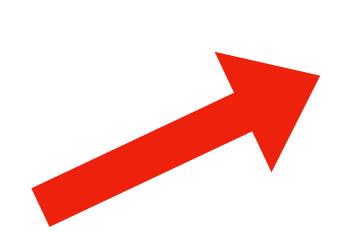
By Reuters Staff

4 MIN READ



A video repeating misinformation about the World Economic Forum (WEF) has been shared widely on Facebook.

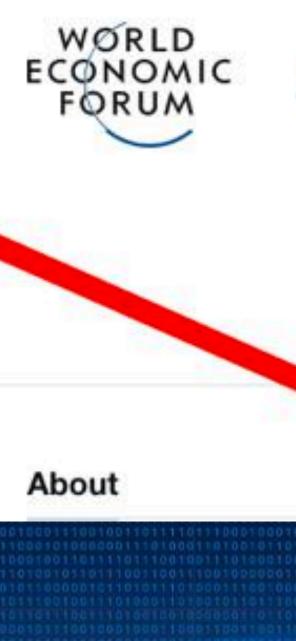
The WEF does not have a 'stated goal' to remove everyone's private property by 2030. As addressed in previous Reuters fact checks, these claims likely originated from a WEF social media video from 2016 that stated eight predictions about the world in 2030, including: "You'll own nothing. And you'll be happy. What you want you'll rent, and it'll be delivered by drone." (here)



Danish politician Ida Auken, who wrote the prediction in question (here), said it was not a "utopia or dream of the future" but "a scenario showing where we could be heading - for better and for worse."

In a written update, she clarified that the piece aimed to "start a discussion about some of the pros and cons of the current technological development. When we are dealing with the future, it is not enough to work with reports. We should start discussions in many new ways. This is the intention with this piece."

In the past, false claims about the WEF have been conflated with conspiracy theories about the United Nation's 'Agenda 30' framework (here and here), which is a set of Sustainable Development Goals devised in 2015 at the United Nations General



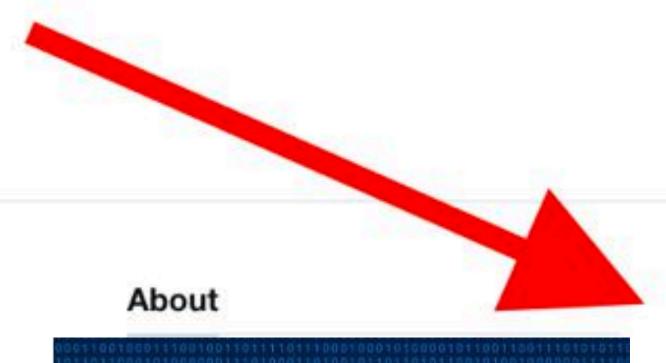
Agenda

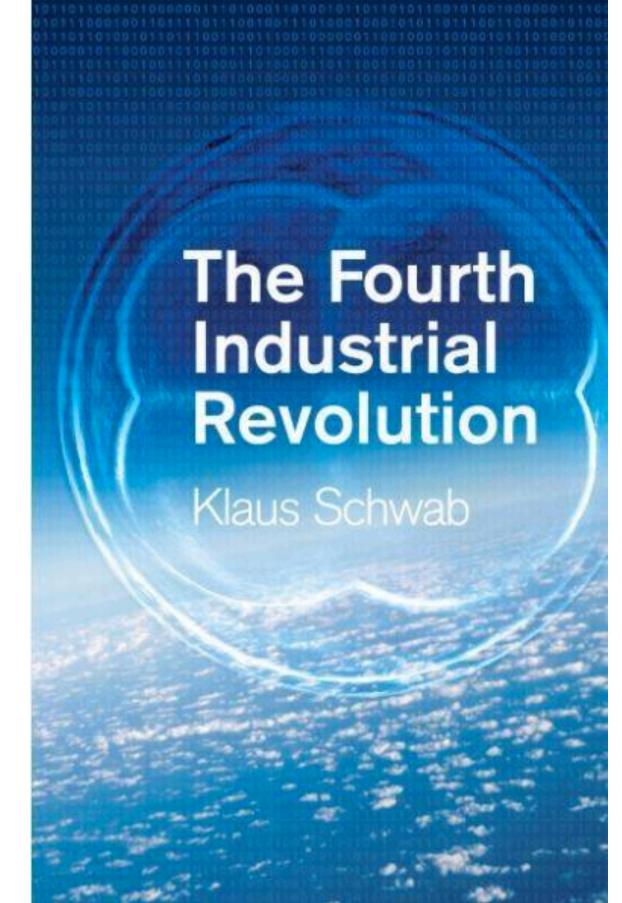
Initiatives

Reports

**Events** 

About



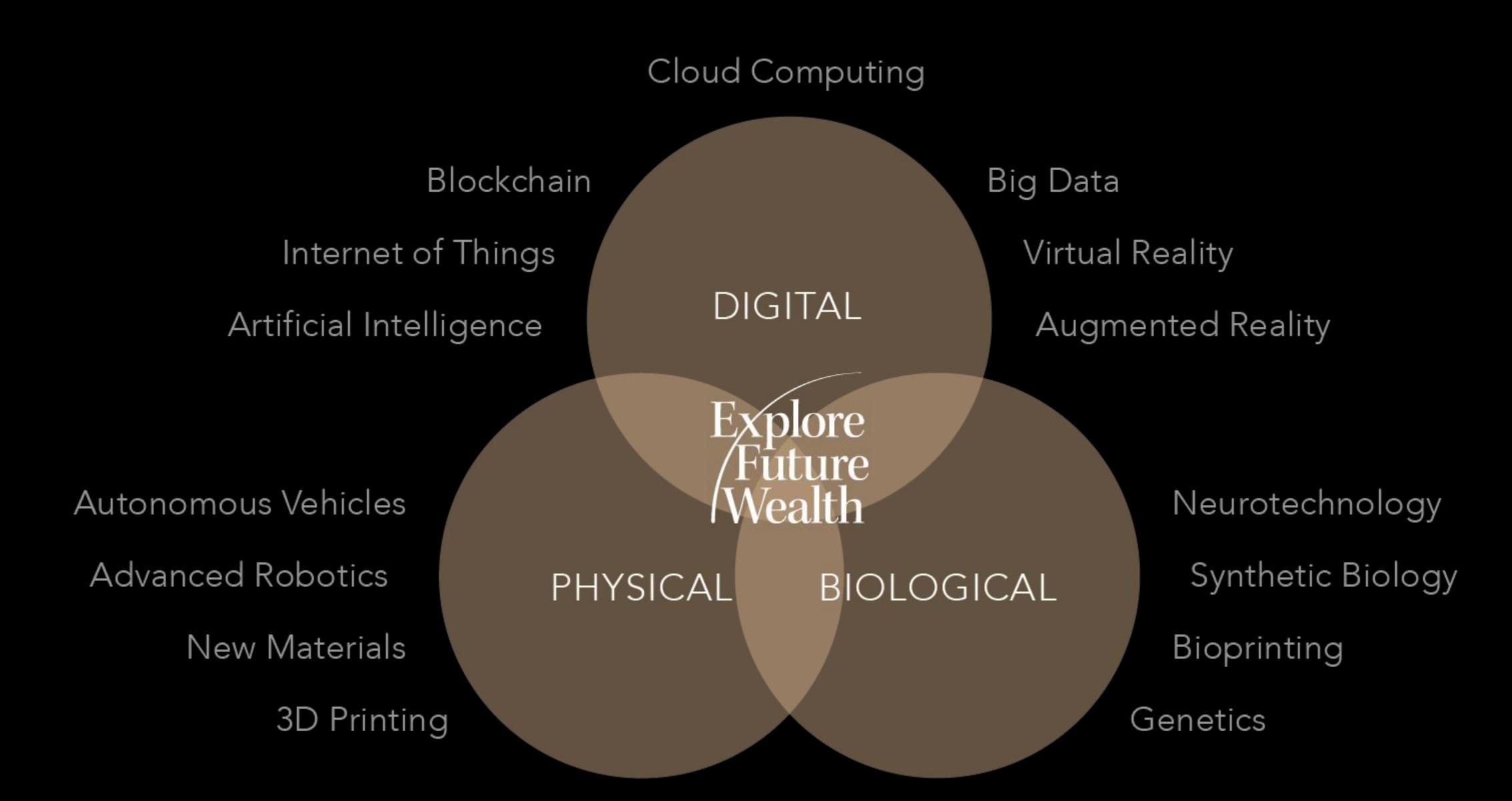


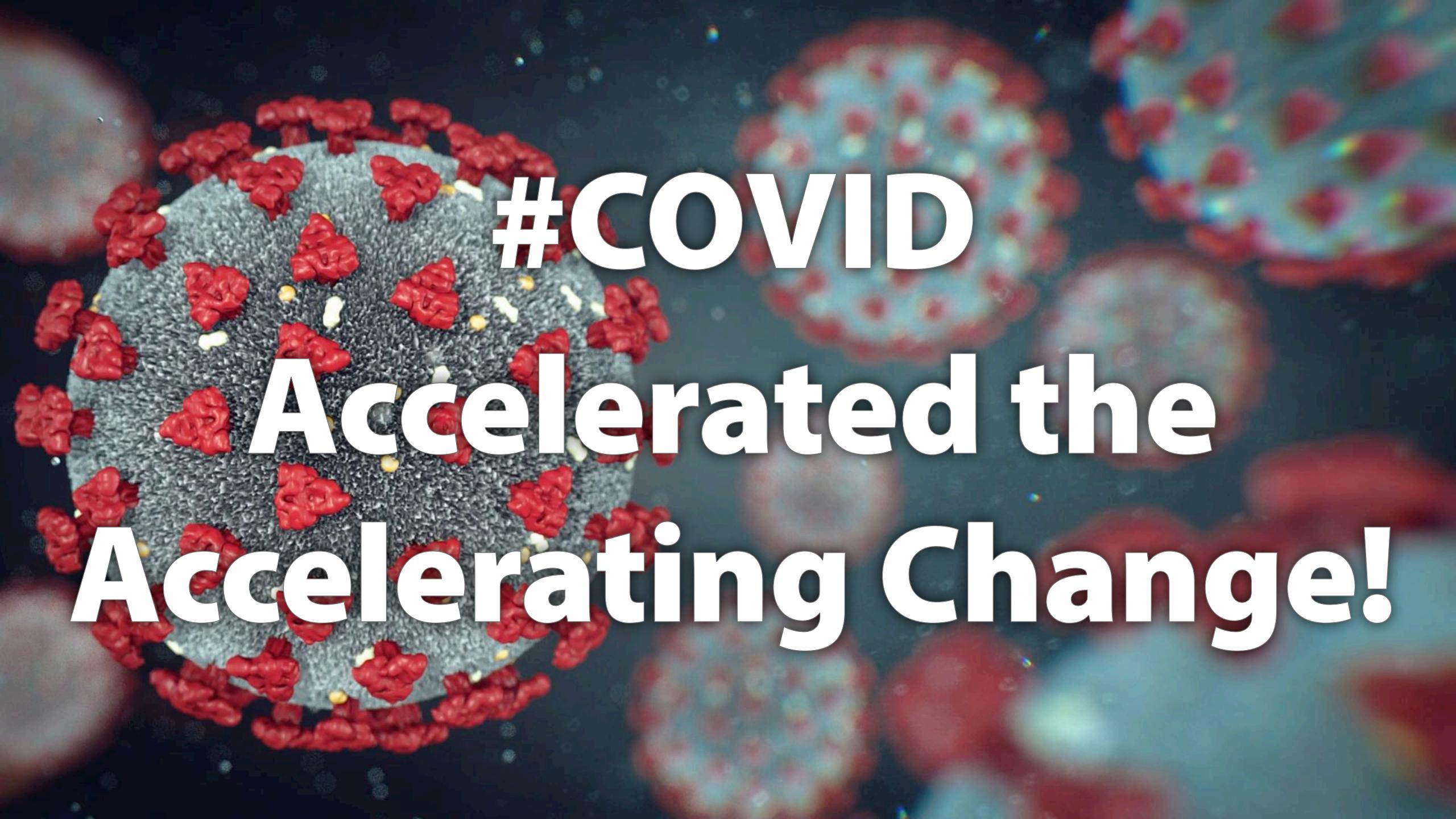


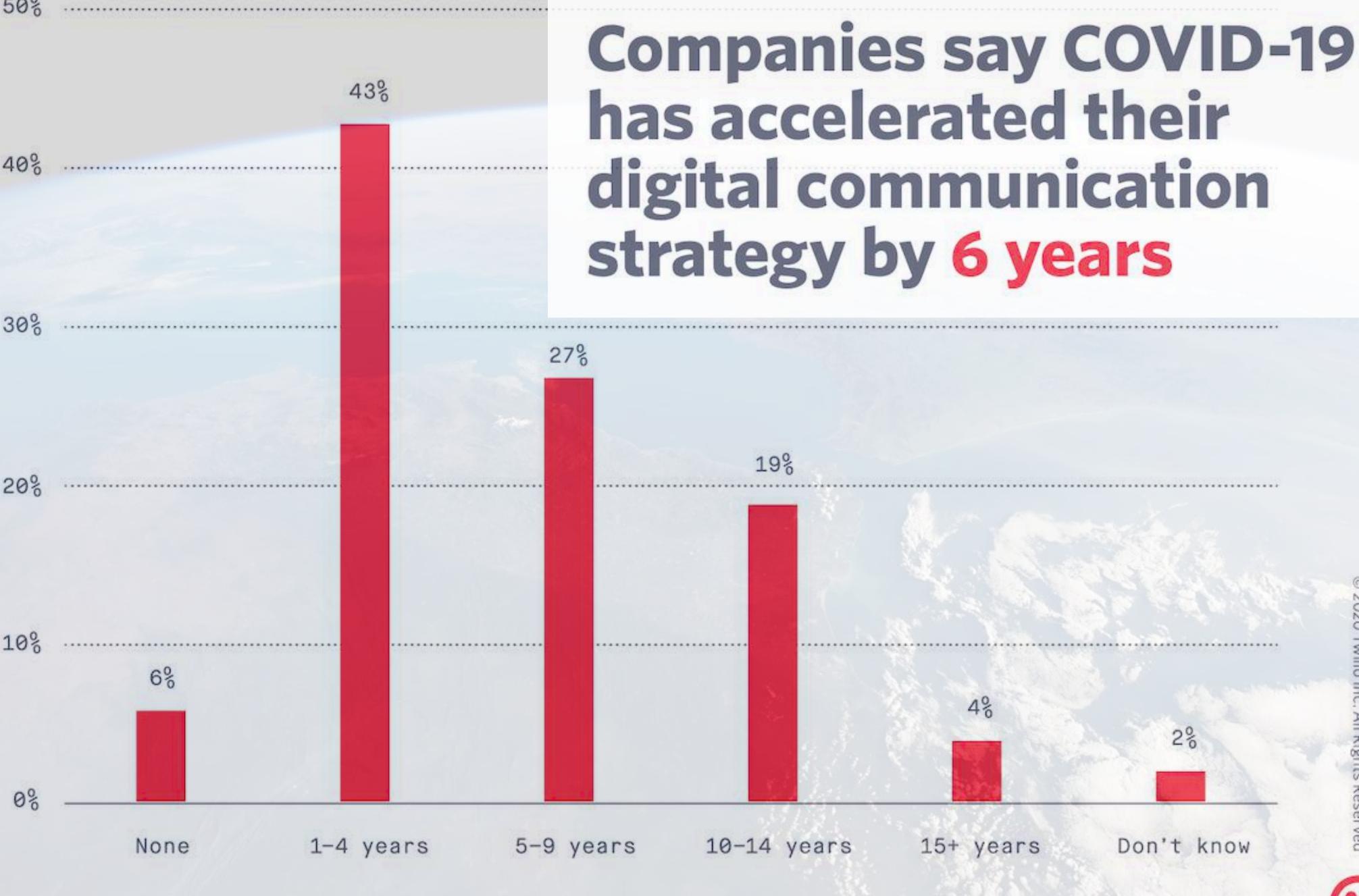


# noustra Revolution

### We're just at the start of **4th Industrial Revolution**, which is being driven by the **fusion** of the **Digital**, **Biological** and **Physical** worlds.

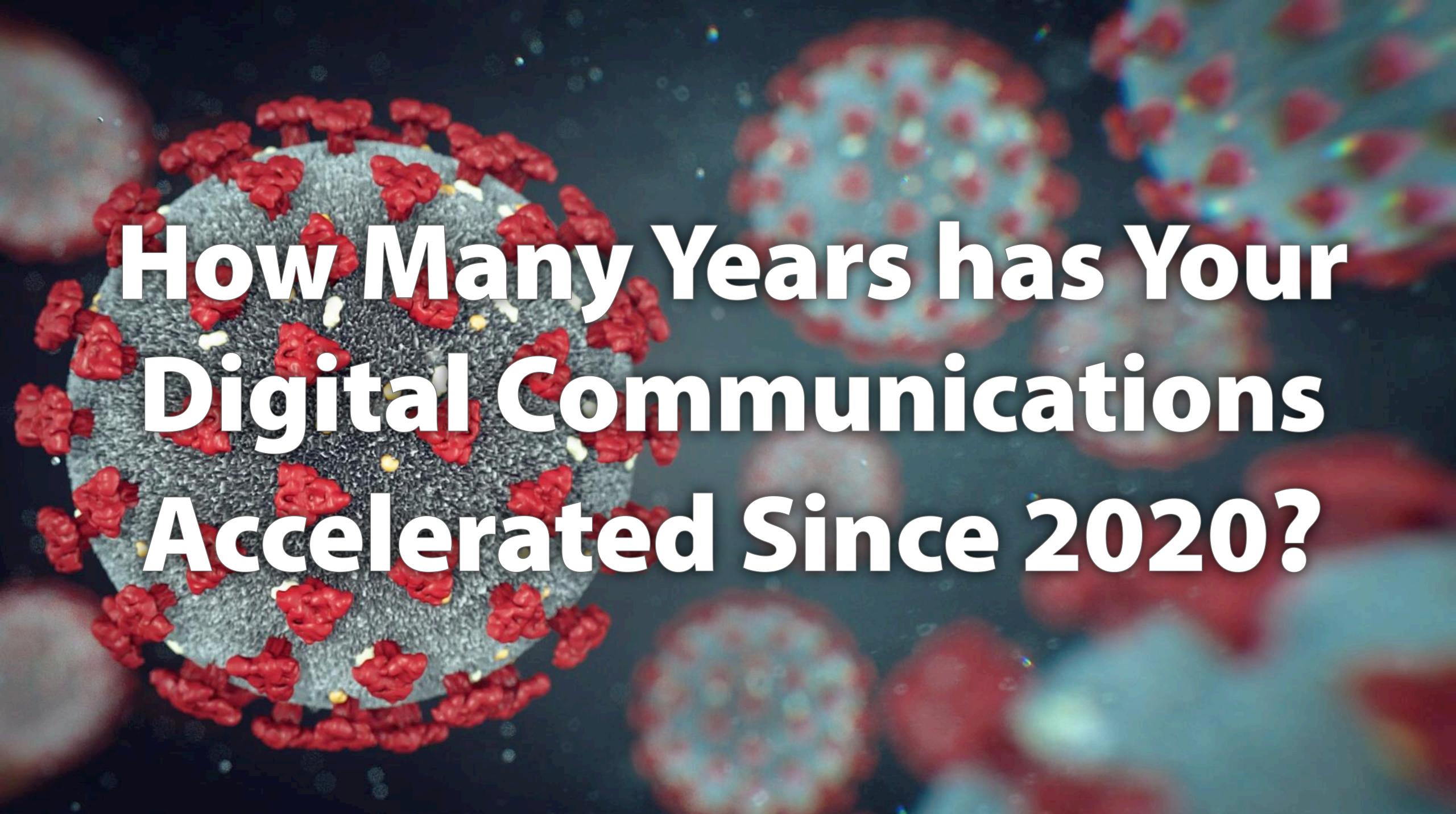






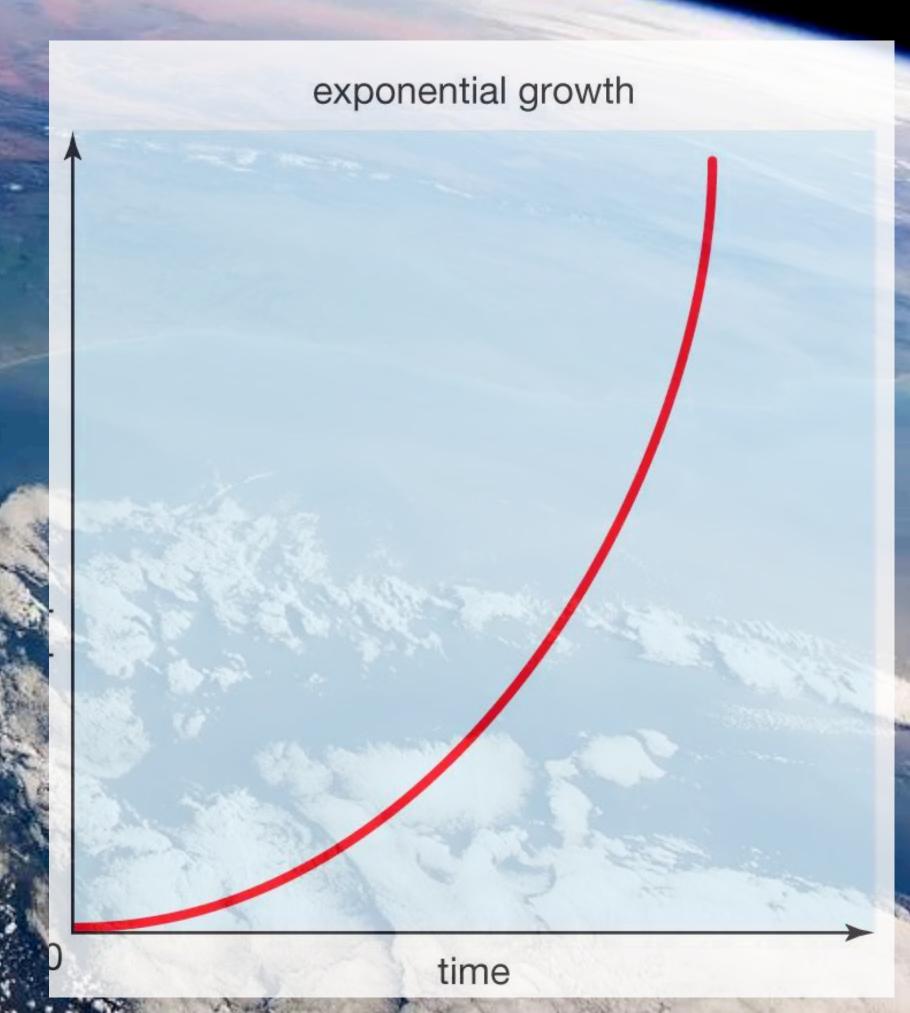






### STEEP Exponential Changes in:

SOCIETY/ Technology Environment ECONOMY Politics/Gov/La





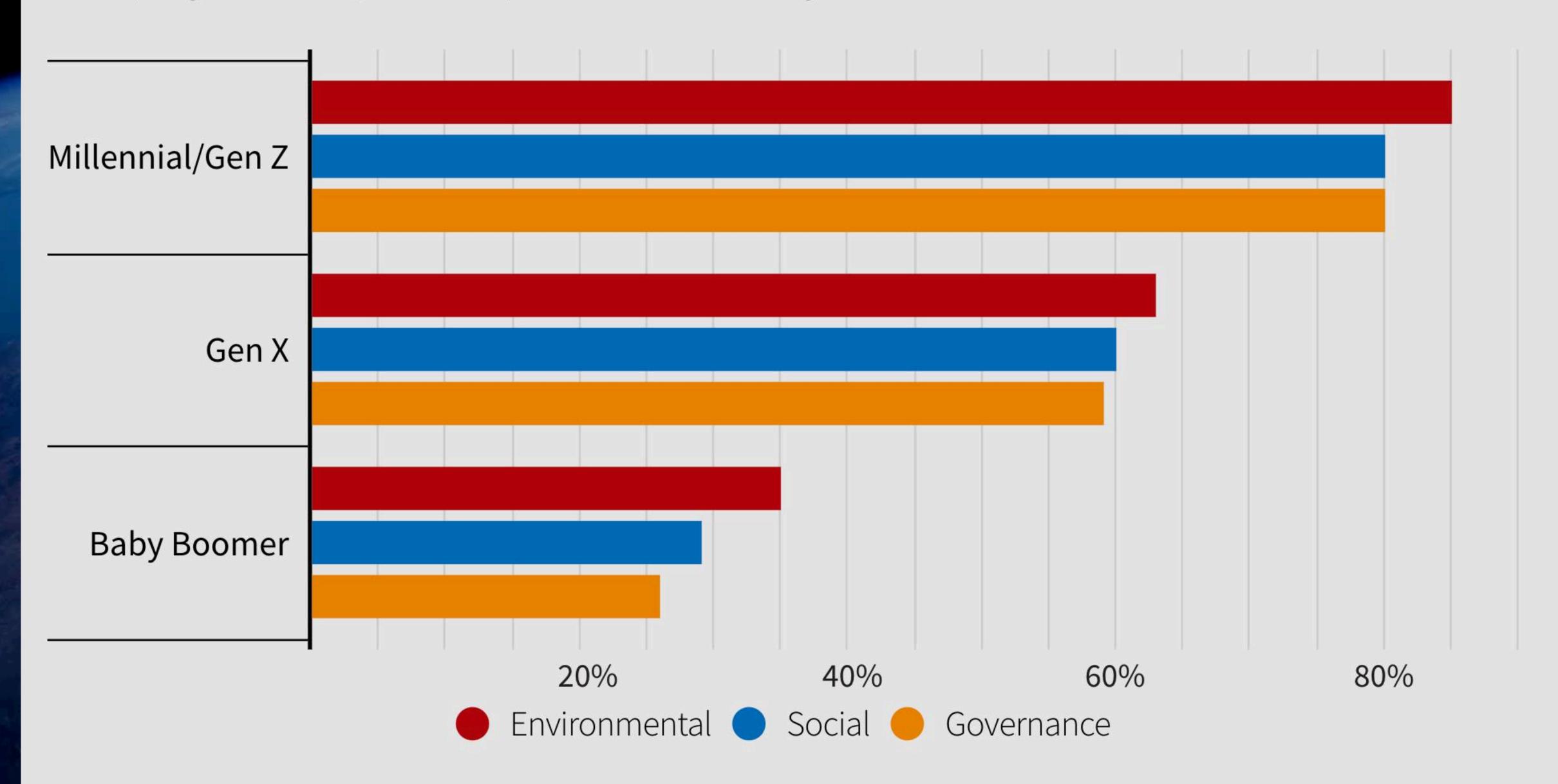
# The Biggest Social Change Worldwide in the Shortest Time Ever in History

# BlackRock® Vanguard®



### **The ESG Generation Gap**

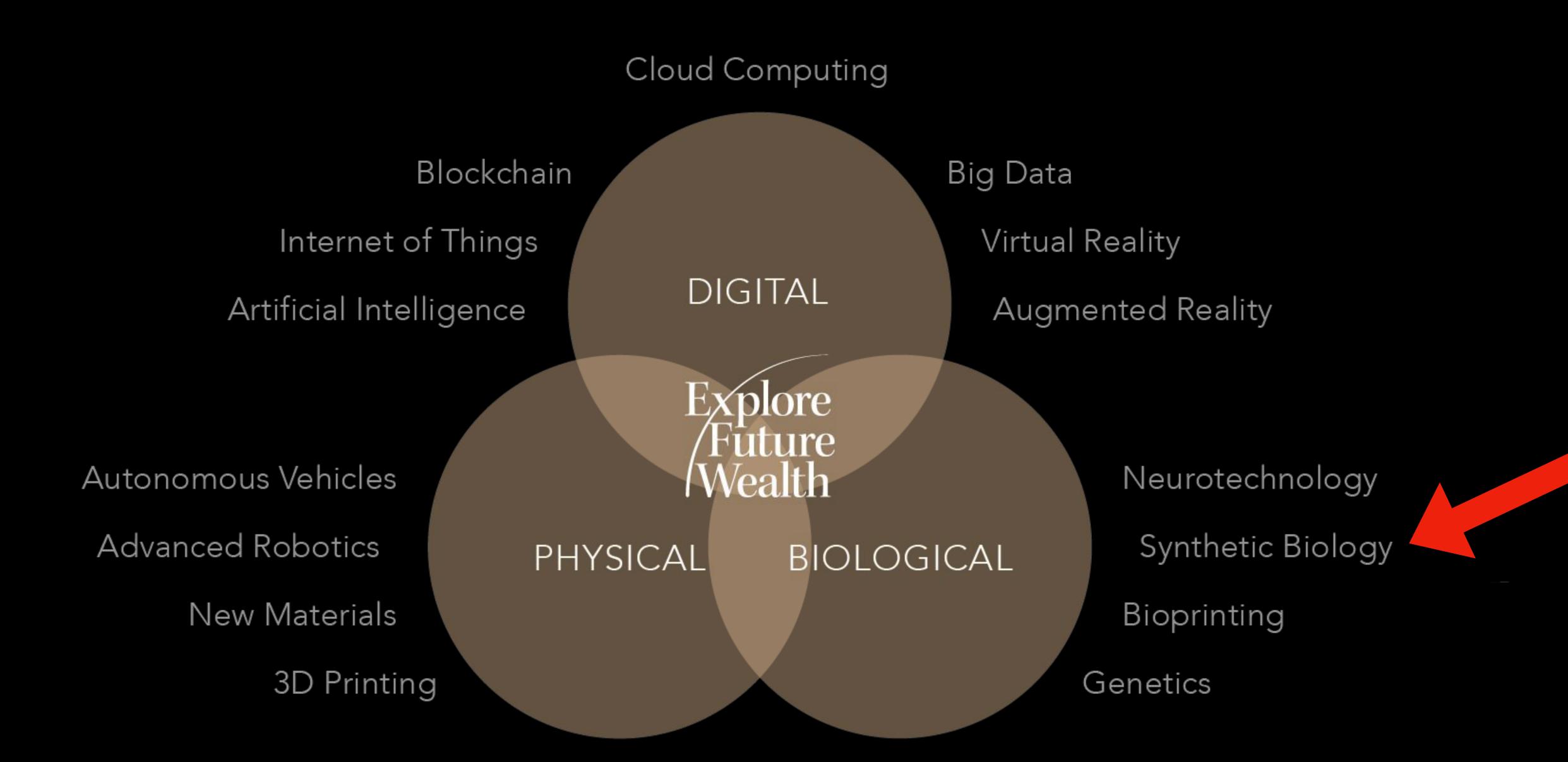
Percentage of investors who think their investment firm should influence companies' environmental, social, or governance policies or practices even if doing so decreases the value of their investment



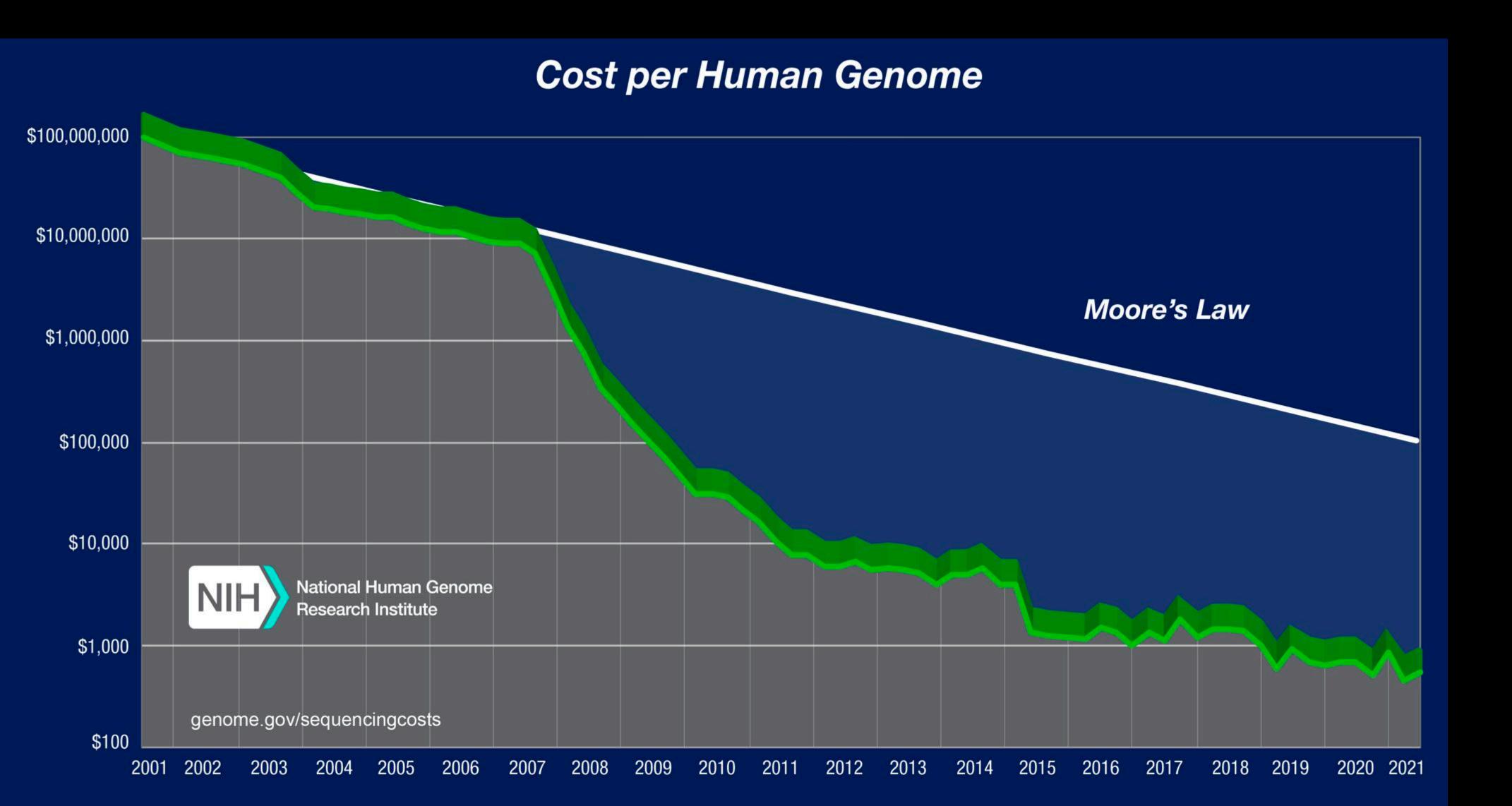
## Technology Changes



The future of worldwide wealth is the **4th Industrial Revolution**, which is being driven by the **fusion** of the **Digital**, **Biological** and **Physical** worlds.

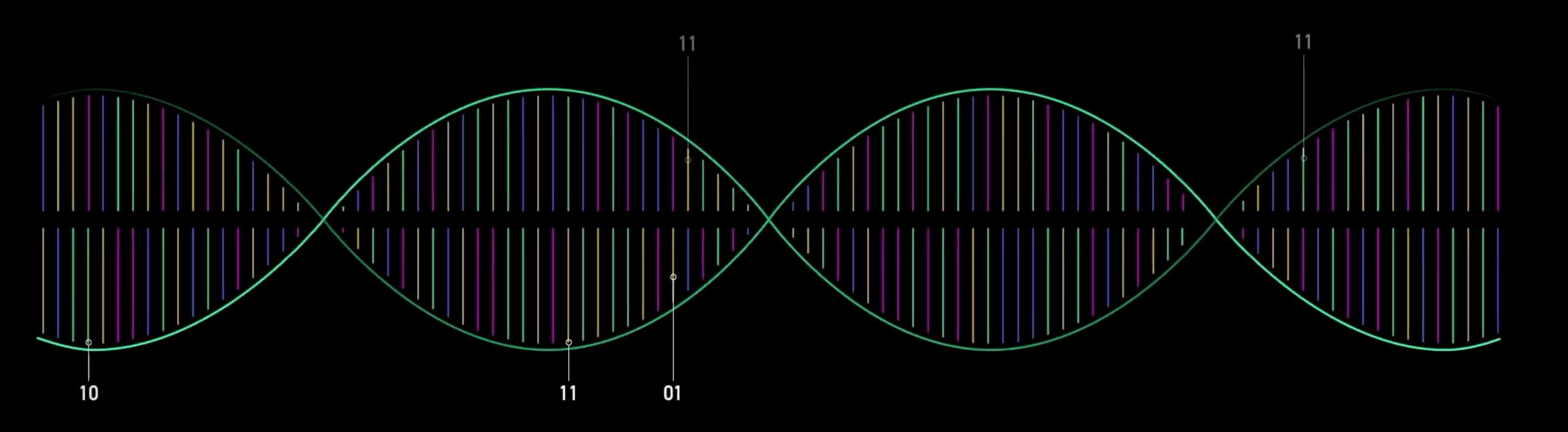


Many experts predict the 4thIR's impact will be many orders of magnitude (x10) bigger than the 3rdIR - when you fuse Digital & Biology for example: Cost Cost to Sequence Human Genome vs. Moore's Law:



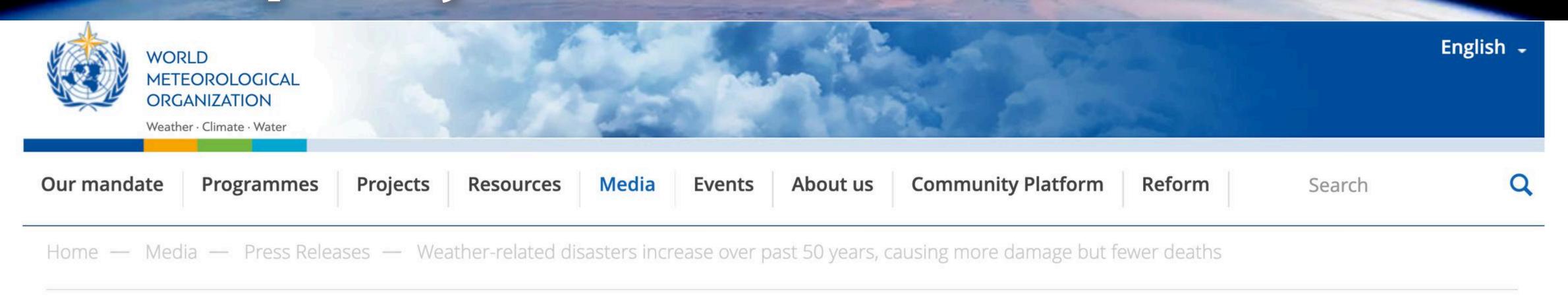


### And synthetic DNA is the ideal long-term storage media





# You're Not Imagining It... The Frequency of Natural Disasters Has Increased



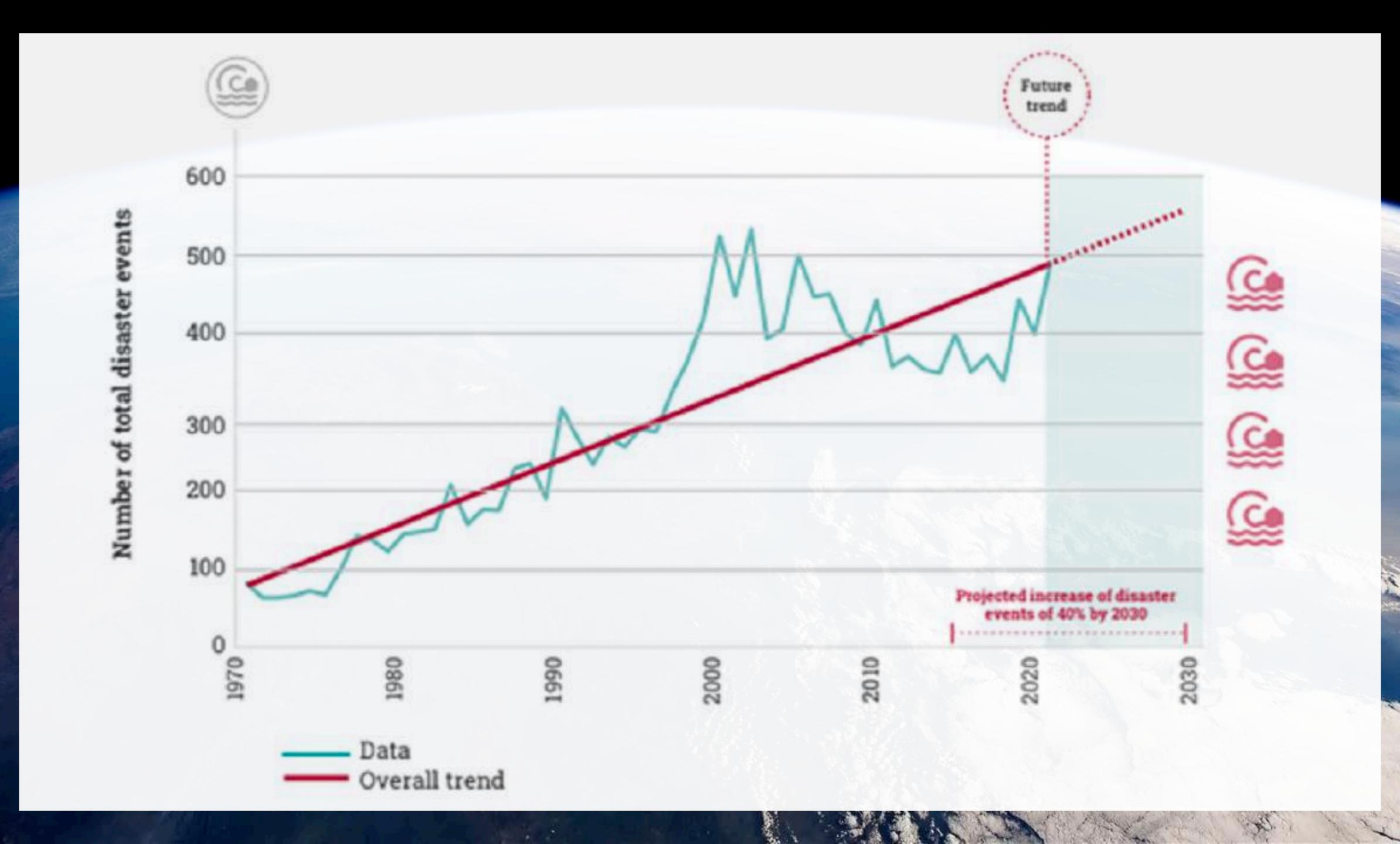


Weather-related disasters increase over past 50 years, causing more damage but fewer deaths

Tags: Disasters Disaster risk reduction Climate change

Published 31 August 2021

Press Release - News from Members - Multimedia - Contact us



A disaster related to a weather, climate or water hazard occurred every day on average over the past 50 years – killing 115 people and causing US\$ 202 million in losses daily, according to a comprehensive new report from the World Meteorological Organization (WMO).

The number of disasters has increased by a factor of five over the 50-year period, driven by climate change, more extreme weather and improved reporting. But, thanks to improved early warnings and disaster management, the number of deaths decreased almost three-fold.

According to the WMO Atlas of Mortality and Economic Losses from Weather, Climate and Water Extremes (1970 – 2019), there were more than 11 000 reported disasters attributed to these hazards globally, with just over 2 million deaths and US\$ 3.64 trillion in losses.

- The report is the most comprehensive review of mortality and economic losses from weather, water and climate extremes to date. It assesses the entire 50-year period as well as by individual decade.
- From 1970 to 2019, weather, climate and water hazards accounted for 50% of all disasters, 45% of all reported deaths and 74% of all reported economic losses.
- More than 91% of these deaths occurred in developing countries (using the United Nations Country Classification).
- Of the top 10 disasters, the hazards that led to the largest human losses during the period have been droughts (650 000 deaths), storms (577 232 deaths), floods (58 700 deaths) and extreme temperature (55 736 deaths).
- Deaths decreased almost threefold from 1970 to 2019. Death tolls fell from over 50 000 deaths in the 1970s to less

# Changes in the Environment, Regardless of Who/What Created Them -

Requires Being Open to New Ways of Thinking

There are Real Opportunities in the New Energy Environment

Some of My Clients are Energy Companies, Solar & **Energy Storage Companies** 

This is What I Can Tell You... Have a Off Grid Plan!

A WA Energy Co Has Taken 100+ of Their Major Region Clients Off Grid - Including Mining Ops

Why Haven't You Heard About **This Great News?** 





Up to 4,000 stand-alone power systems (SPS) will be installed across the grid over the next decade.

With 100 already installed, SPS provide renewable, more reliable power to regional WA. And with more SPS coming, more customers will benefit.

#### bit.ly/3yChn08



2:41 PM · Jul 27, 2022













**Read more on Twitter** 



HOUSE BUILT FOR "THE BIG ONE" SURVIVES HISTORIC HURRICANE





# QLD Government is Betting On Pumped Hydro with New Powerlines Running Out 1,000KM to One Location

The Nation Needs 10,000KM of Powerlines by 2050

But We Have Only Every Built 500KMs/yr





### **Borumba**

Borumba Dam, Yabba Creek Road, Lake Borumba QLD, Australia



### **Bowen Renewable Hub**

Urannah Creek, Eungella Hinterland QLD, Australia



### **Broken Hill**

Broken Hill NSW, Australia



### **Central West**

Yetholme NSW, Australia



#### Cultana

Cultana Hill, South Australia, Australia



### Dungowan

Dungowan Dam, Dungowan Dam Road, Ogunbil NSW, Australia

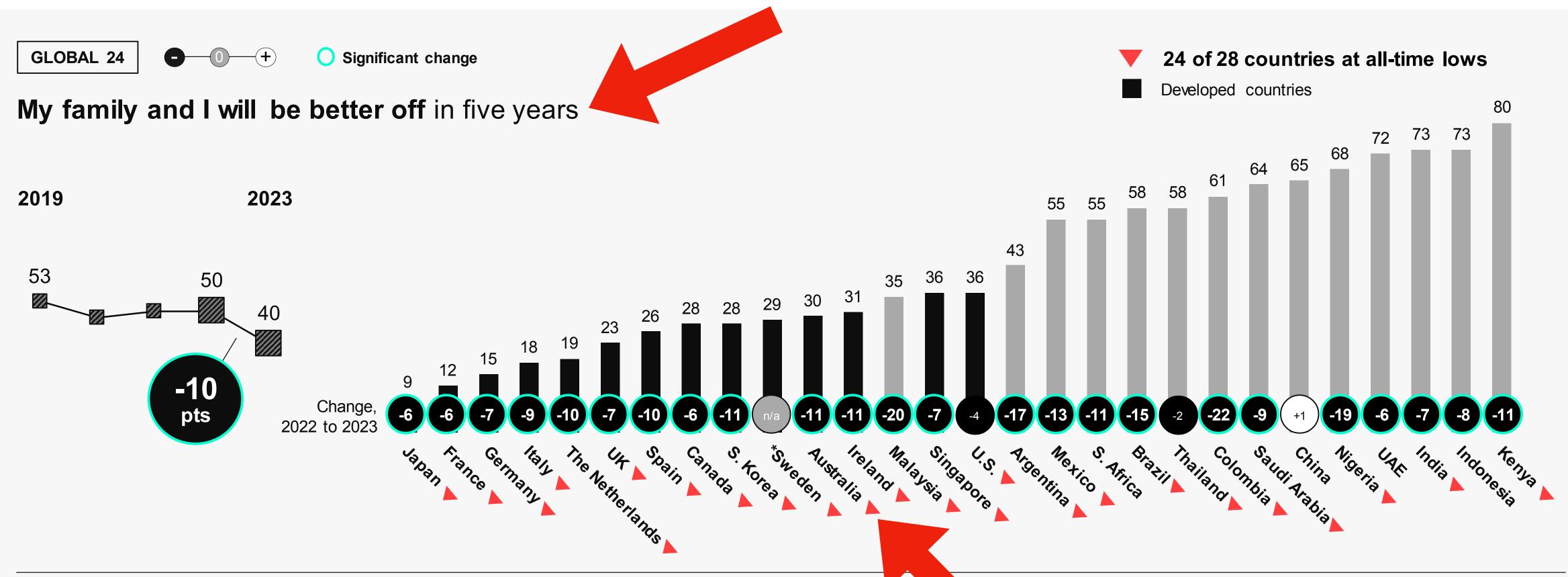


# Are We Really In a Recession? Economists Admit They Really Have No Ideal

**2023 Edelman Trust Barometer** 

#### **Economic Optimism Collapses**

Percent who say

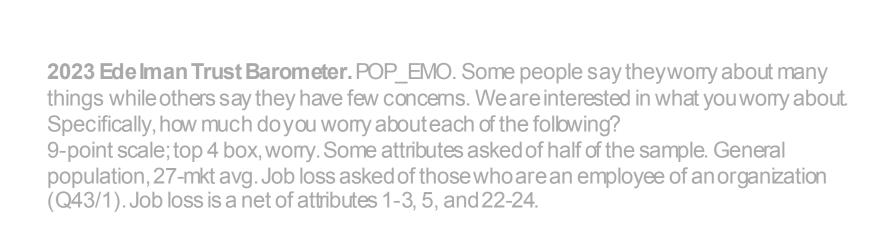


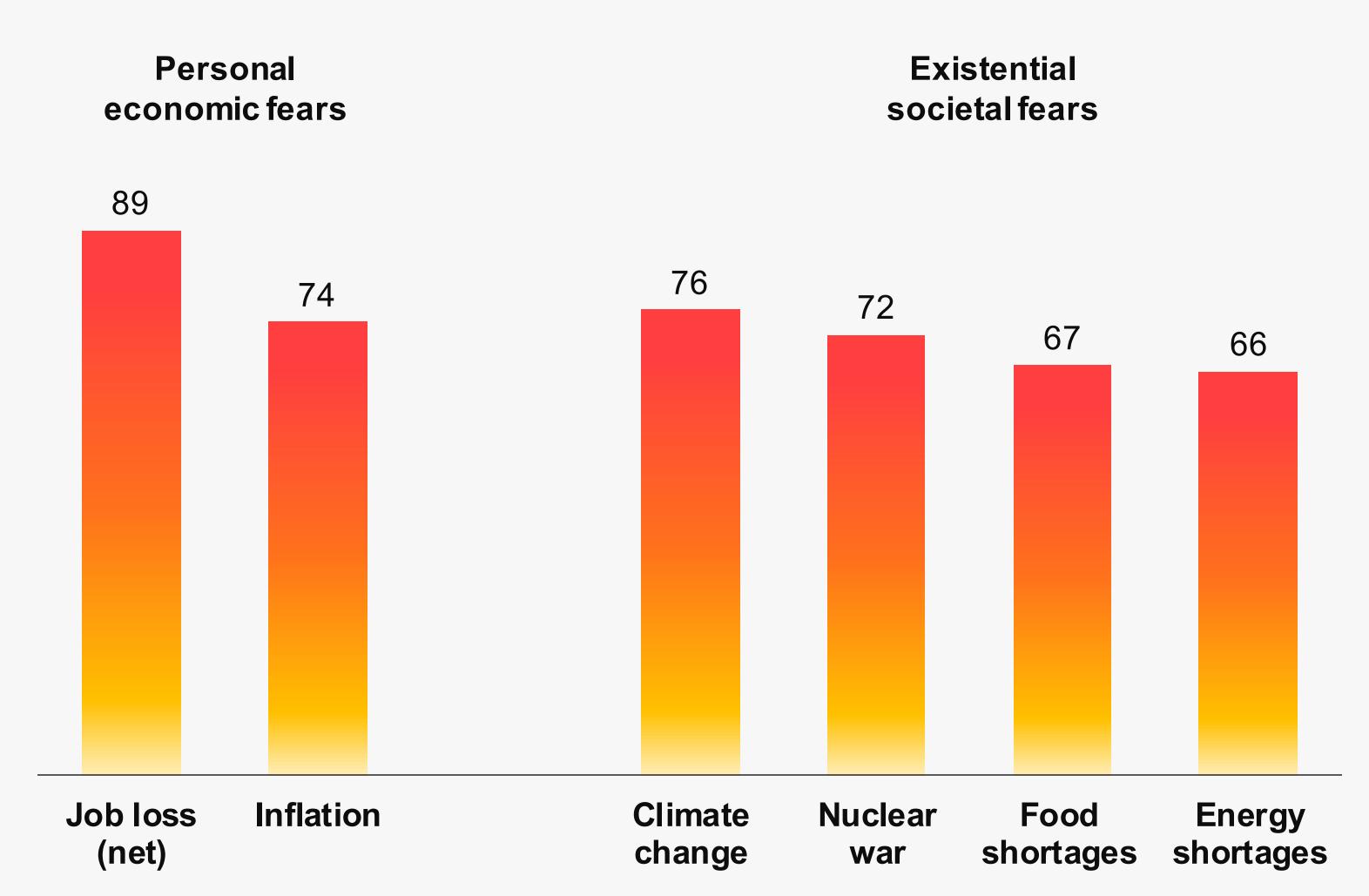


**2023 Edelman Trust Barometer**P. 7

#### Personal Anxieties On Par With Existential Fears

Percent who worry about ...







#### Apple: US\$117.2B, 5% Down YoY

Alphabet: \$76B, Up 1% YoY

Tesla: \$24.32B Up 37% YoY



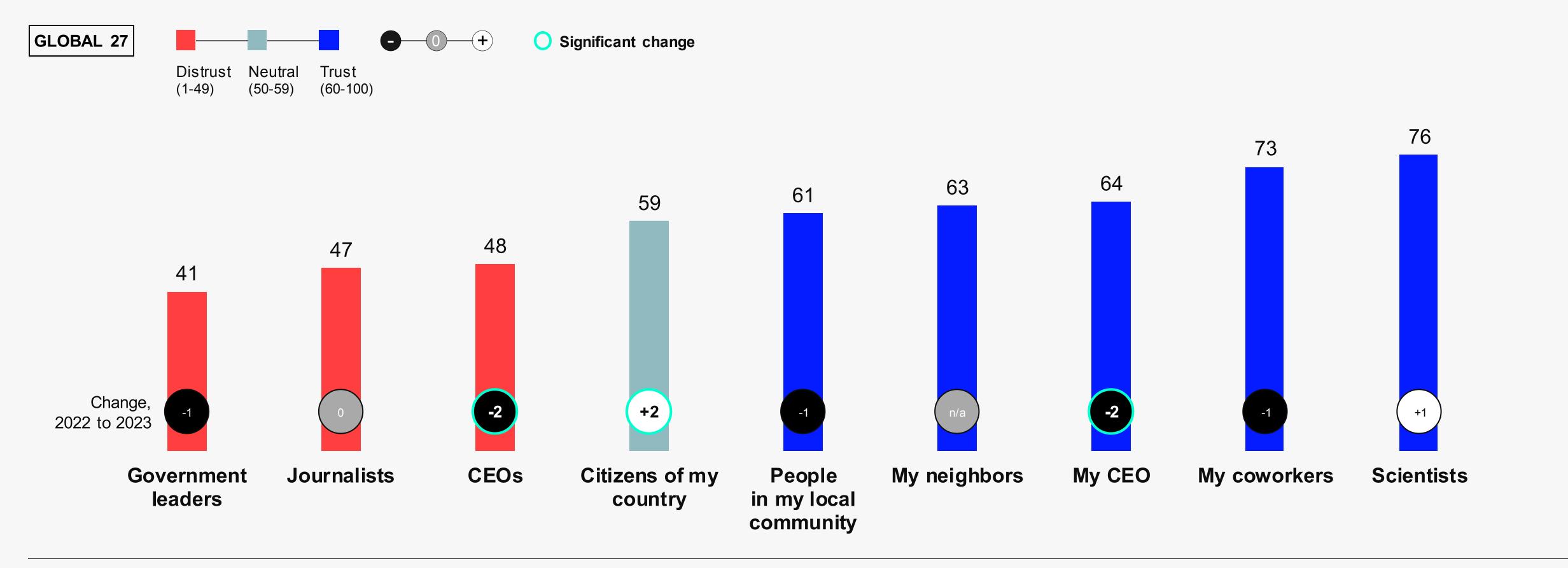


#### Politics is Increasingly More Divisive and Extreme in Most Countries Worldwide

**2023 Edelman Trust Barometer** P. 11

#### **Institutional Leaders Distrusted**

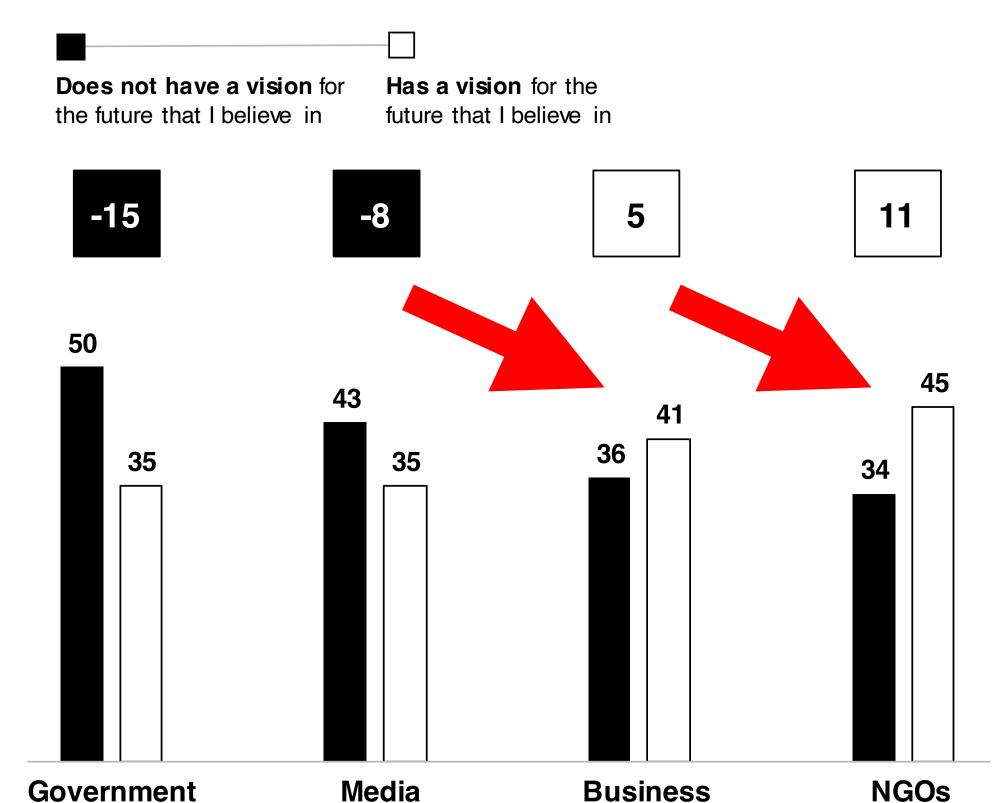
Percent trust

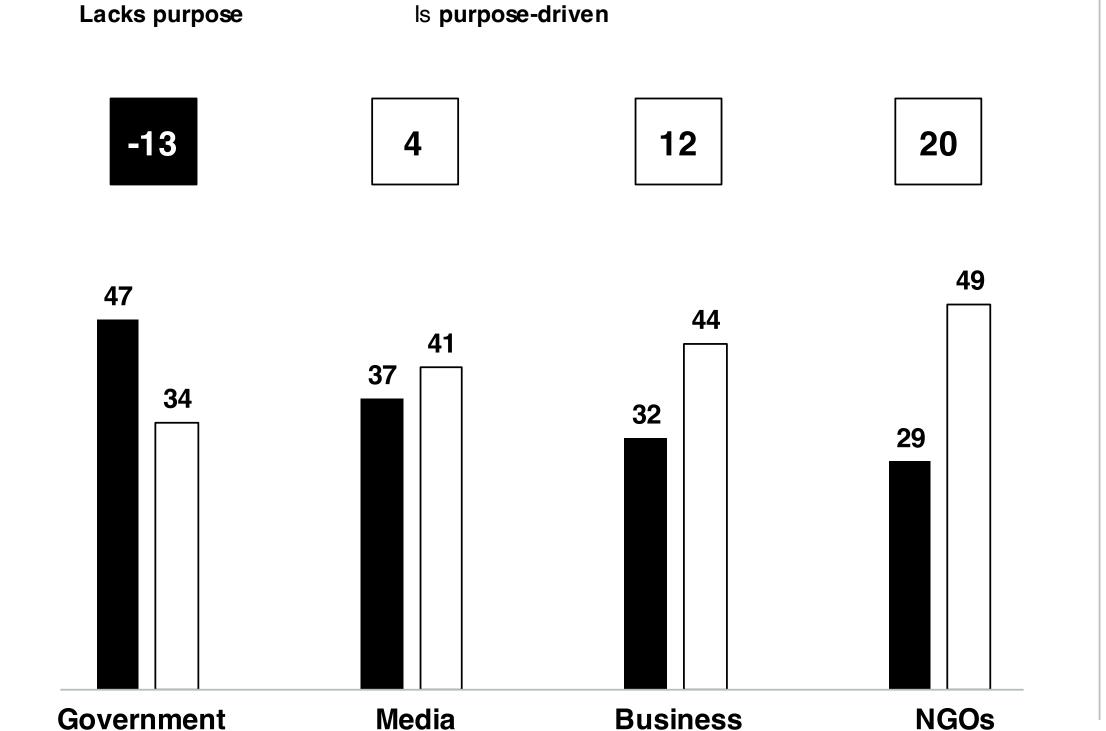




#### INSTITUTIONS SEEN AS LACKING A VISION AND PURPOSE FOR THE FUTURE

Percent who cite each as a reason they trust or distrust each institution





2020 Edelman Trust Barometer. Net scores represent positive responses minus negative responses to the following questions: [INSTITUTION]\_PER\_DIM. In thinking about why you do or do not trust [institution], please specify where you think they fall on the scale between the two opposing descriptions. 11-point scale; top 5 box, positive; bottom 5 box, negative. Question asked of half of the sample. General population, 25-mkt avg. Data not collected in China, Russia and Thailand.



This institution...

Is honest

Is fair

Has vision

Is purpose-driven

## Rate & Discuss Your Organisation 1-5, 5 Best on:

- Vision of the Future
- Linked Societal Purpose
- Can Demonstrate Honesty
- Recognised as Fair Supplier/Employer

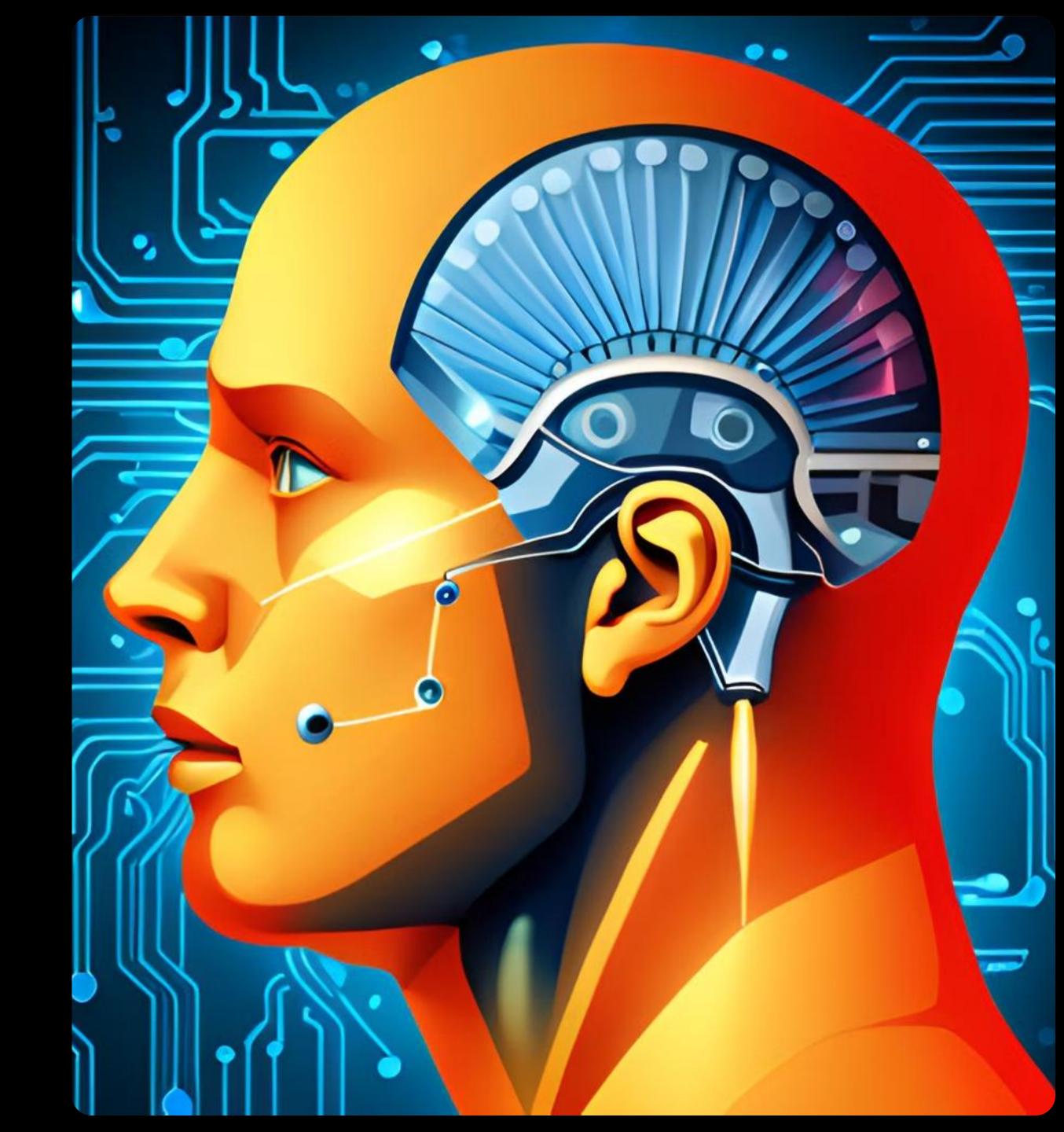
### Alis Amplifying Human Talent & Productivity 10X=1-000X In Every Area of Work



10-100X
Boost in Productivity



Brief History of Al



Artificial Intelligence as a concept has been around for many centuries. Ancient Greeks had myths about robots, and Chinese and Egyptian engineers built automatons.

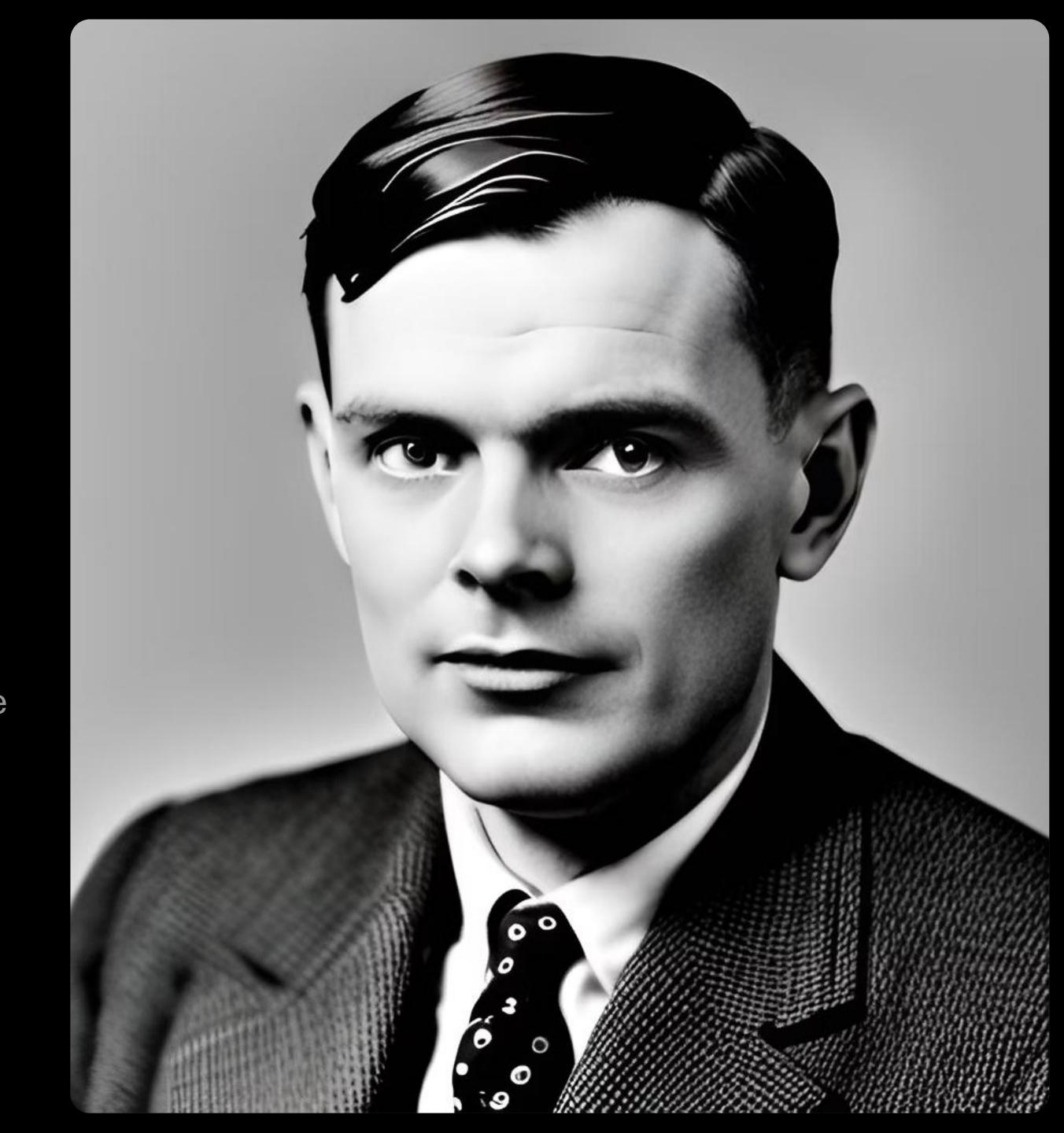
However, Al as we know it began its journey in the mid-20th century.



#### **Early Optimism**

1950s-1960s: Birth and Optimism: In 1950, Alan Turing proposed the Turing Test to measure a machine's ability to exhibit intelligent behavior equivalent to, or indistinguishable from, a human.

The term "Artificial Intelligence" was coined at the Dartmouth Conference in 1956. During this period, there was a lot of optimism about AI replacing human intelligence.



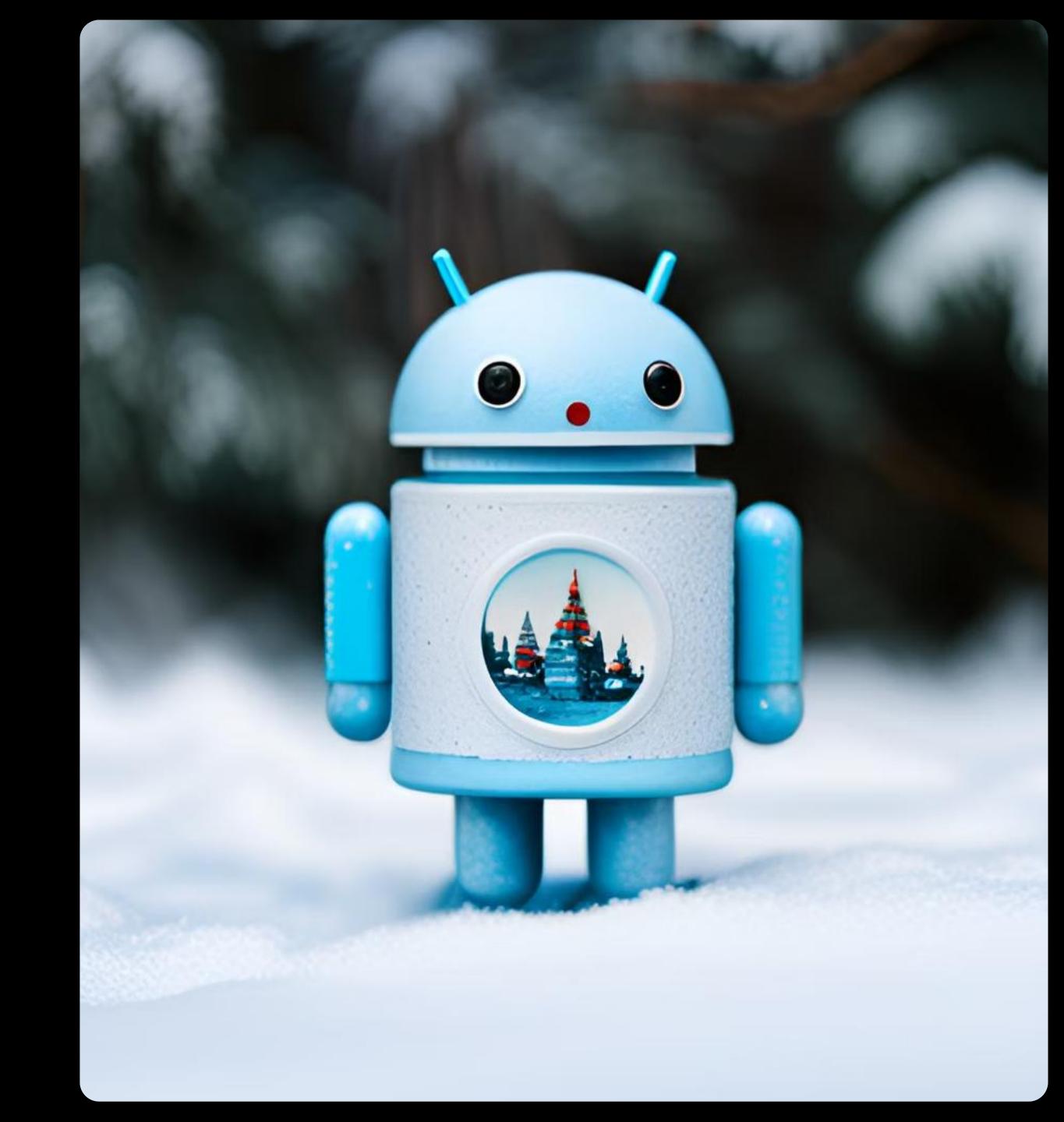
#### Al Winter and Expert Systems

Al research slowed in the 70s-80s leading to reduced funding, known as the "Al Winter".

Expert systems, using AI to emulate human decision-making, emerged in industry. In the 90s, machine learning and digital data spurred growth in AI.

Deep Learning and Neural Networks in the 2000s-10s further enhanced AI capabilities.

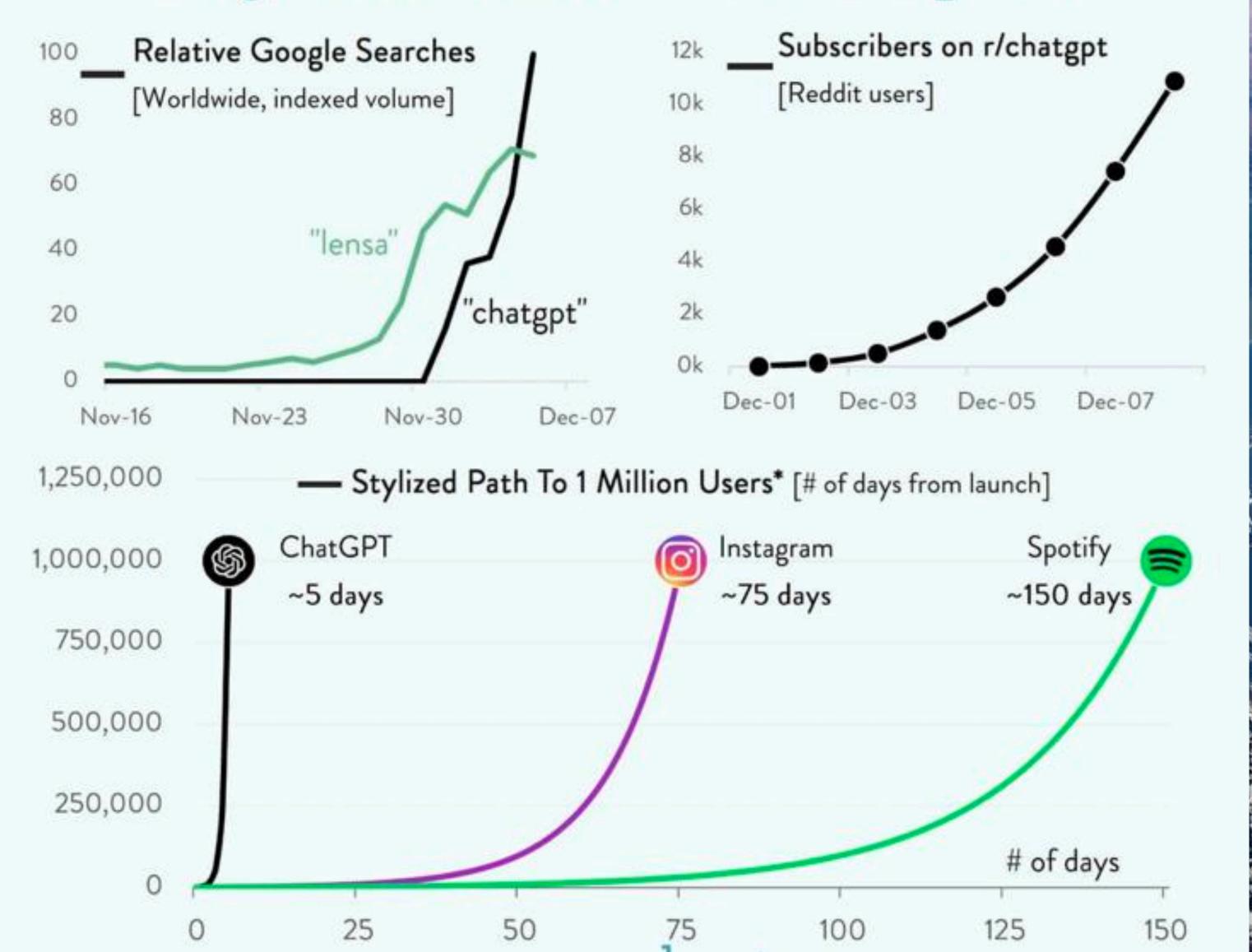
Today, Al is widely used and rapidly evolving.



# A Brief History of Artificial Intelligence



#### ChatGPT From OpenAI Is A Bot Taking The Tech World By Storm





#### Time it took to reach 1 million users:

Netflix - 3.5 years

Airbnb - 2.5 years

Facebook - 10 months

**Spotify** - 5 months

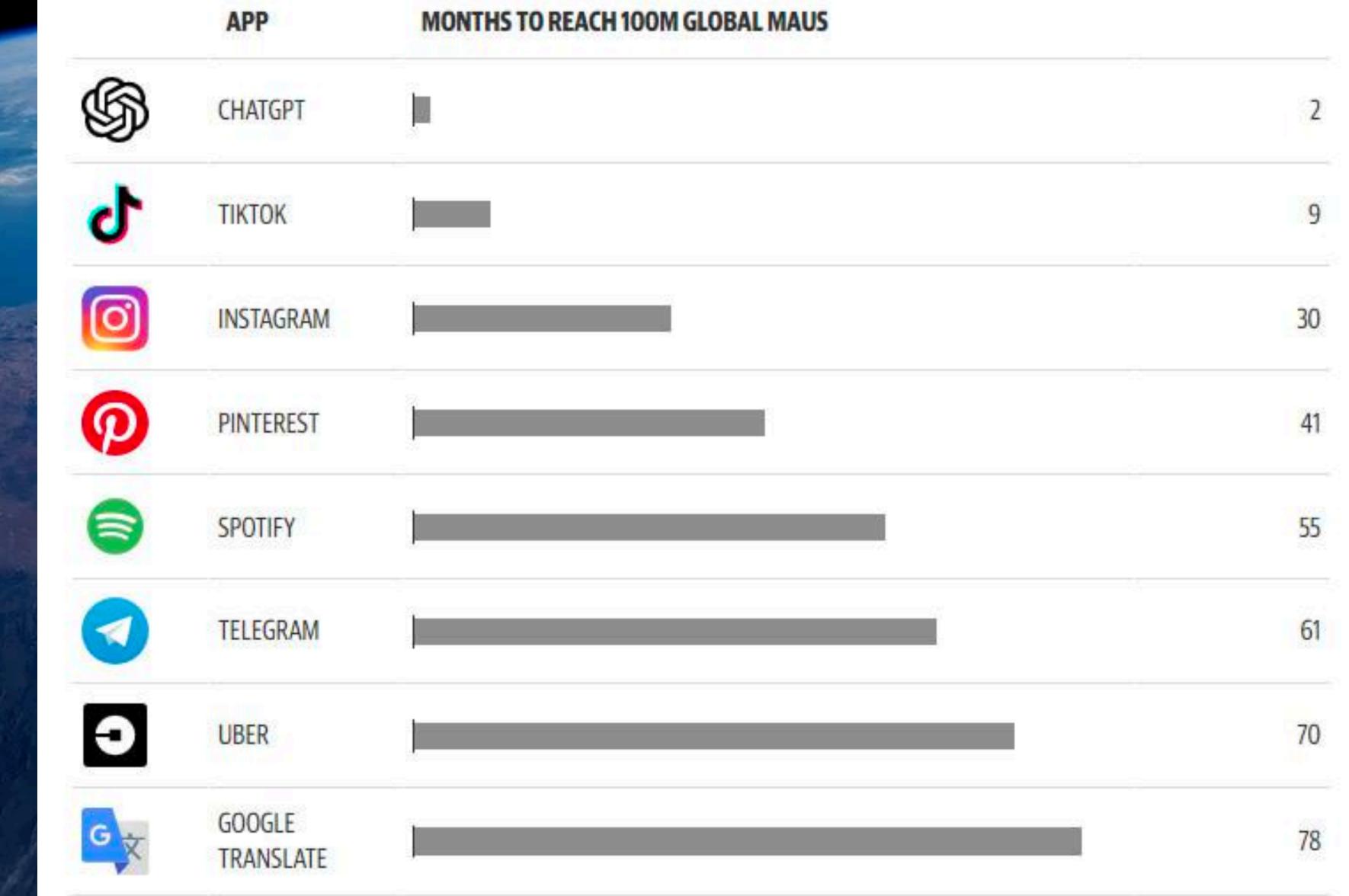
Instagram - 2.5 months

iPhone - 74 days

ChatGPT - 5 days

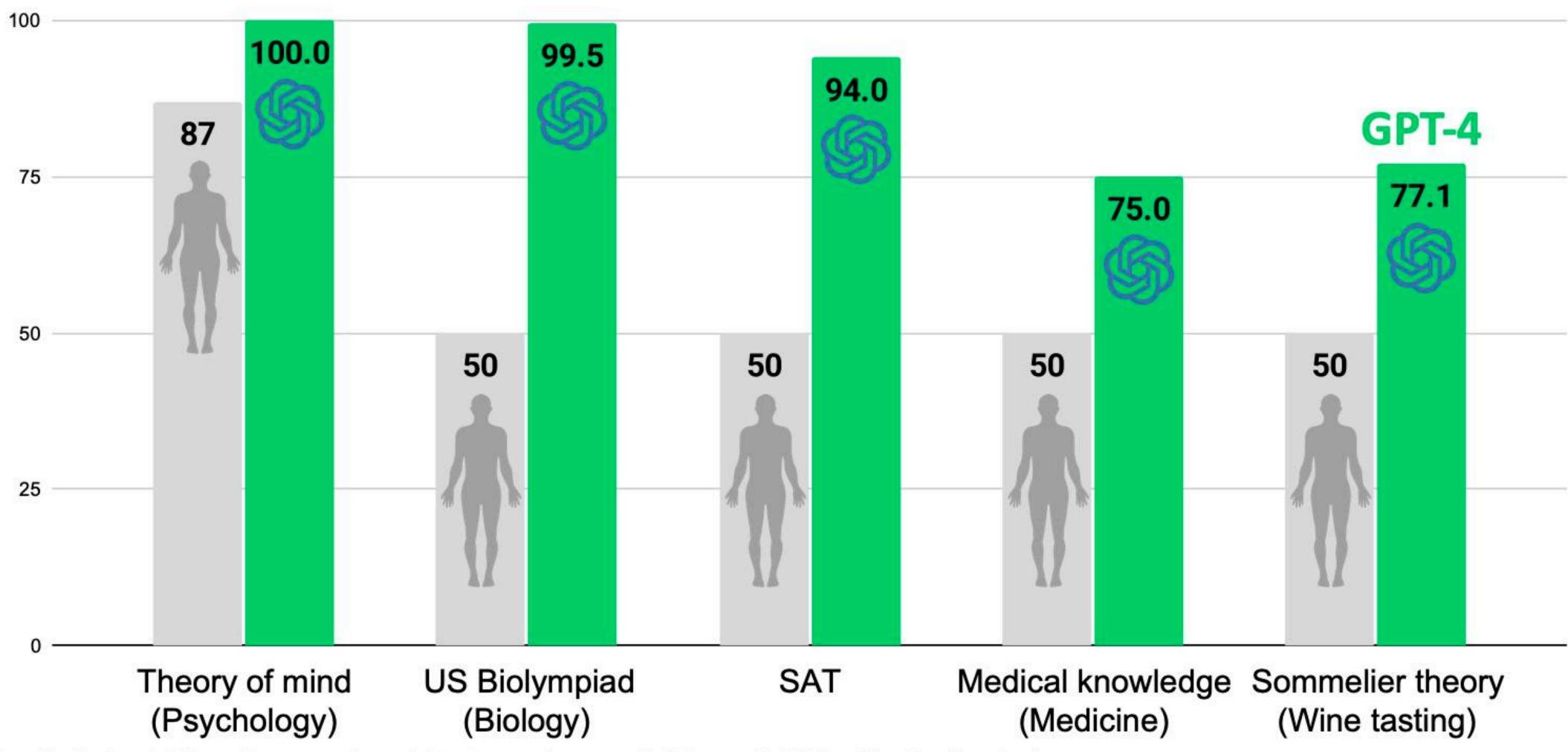
**ChatGPT** is one of those rare moments in technology that **will reshape everything** going forward.

#### HOW LONG IT TOOK TOP APPS TO HIT 100M MONTHLY USERS





#### GPT-4 VS HUMAN TESTS - SIMPLE (MAY/2023)



Selected highlights only. Percentiles; 50 refers to the 50th percentile as average, and may not be the testing average for some tests. Alan D. Thompson. May 2023. https://lifearchitect.ai/iq-testing-ai/



#### BILLBOARD CHART FOR LANGUAGE MODELS 1010/2023

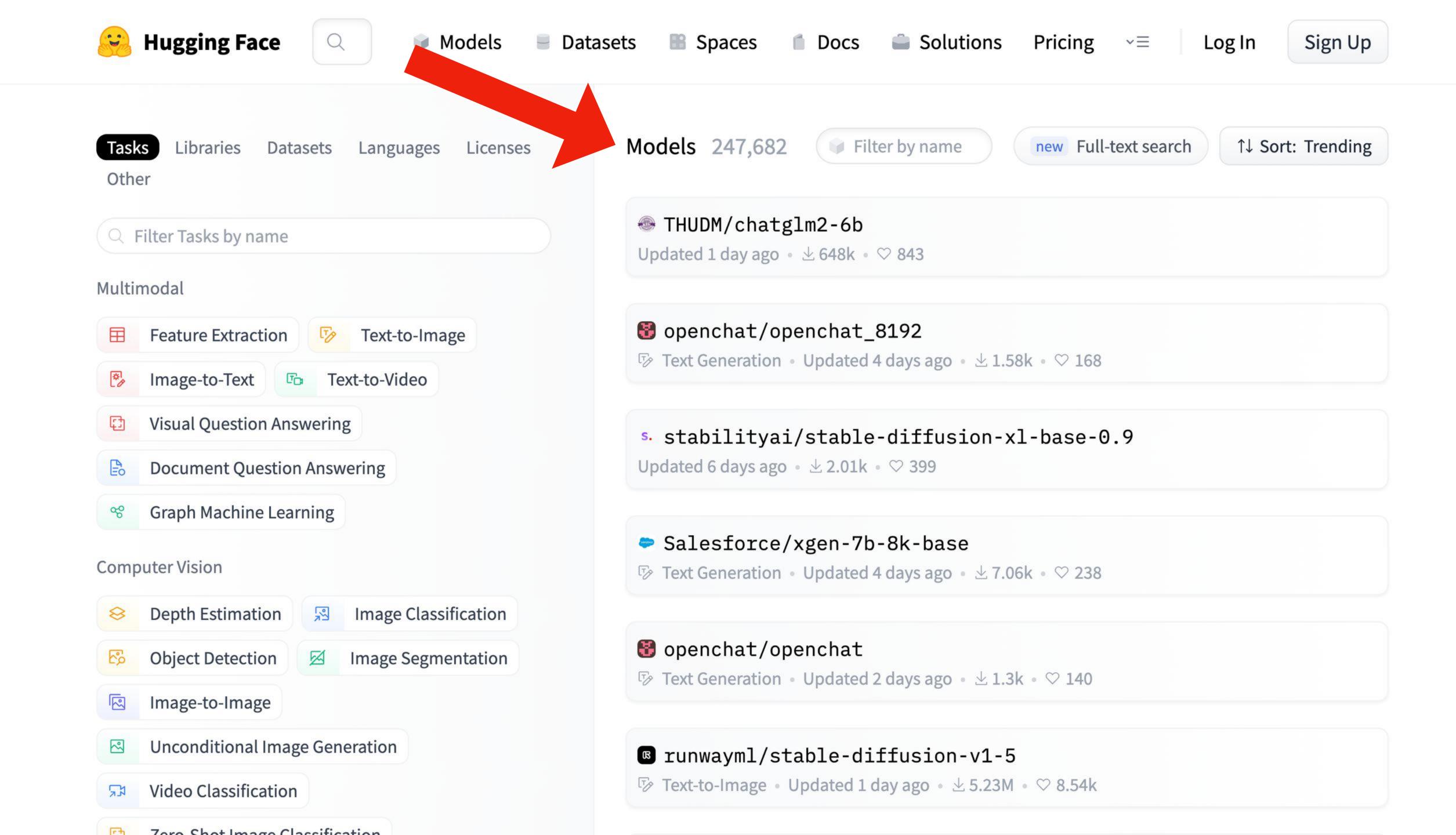
JUN/	
2023	

Now (Jun/2023)	6m ago (Dec/2022)	12m ago (Jun/2022)	ALScore	Model name Details	<b>Al lab</b> Openness
0		1	14.9	GPT-4 1T trained on 20T tokens*	OpenAl API
2	_		3.7	PaLM 2 340B trained on 3.6T tokens*	Google API
8	1	1	2.2	PaLM 1 540B trained on 0.8T tokens	Google Closed
4	_	_	1.6	Inflection-1 120B trained on 2T tokens*	Inflection AI API
5	-		1.4	InternLM 104B trained on 1.6T tokens	Shanghai Al Closed
6	5	5	1.0	Chinchilla 70B trained on 1.4T tokens	DeepMind Closed
0		5 <b>.—</b> 8	1.0	StableLM 65B trained on 1.5T tokens	Stability Al Open
8	_	-	1.0	LLaMA-65B 65B trained on 1.4T tokens	Meta Al Open

	000				
Now (Jun/2023)	6m ago (Dec/2022)	12m ago (Jun/2022)	Size (TB)	Dataset name Details	<b>Al lab</b> Language
0		_	86	Piper monorepo 37.9B tokens in 86TB	Google Code
2	_	I	40	GPT-4 20T tokens in 40TB	OpenAl English
8			23	RefinedWeb 5T tokens in 23TB (CC only)	TII Multilingual
4	1	1	20	MassiveText multilingual 5T tokens in 20TB	DeepMind Multilingual
6	2	2	13	Infiniset 2.8T tokens in 12.6TB	Google English
6	3	3	11	MassiveText English 2.35T tokens in 10.5TB	DeepMind English
0	_	<del></del>	5	InternLM 1.6T tokens in 5.1TB	Shanghai Al En/Chinese
8	x	***	5	Stability New Pile 1.5T tokens in 5TB	Stability AI English

Selected highlights only, some older models disregarded. \* = estimates and hypothesis only based on current information. Alan D. Thompson. June 2023. https://lifearchitect.ai/





# Microsoft Has Invested US\$11B in OpenAl (ChatGPT/GPT-4/DALL-E 2)



Gap Inc. About - Values - Careers - Investors -

CAREERS LOGIN

Investors > Financial Information

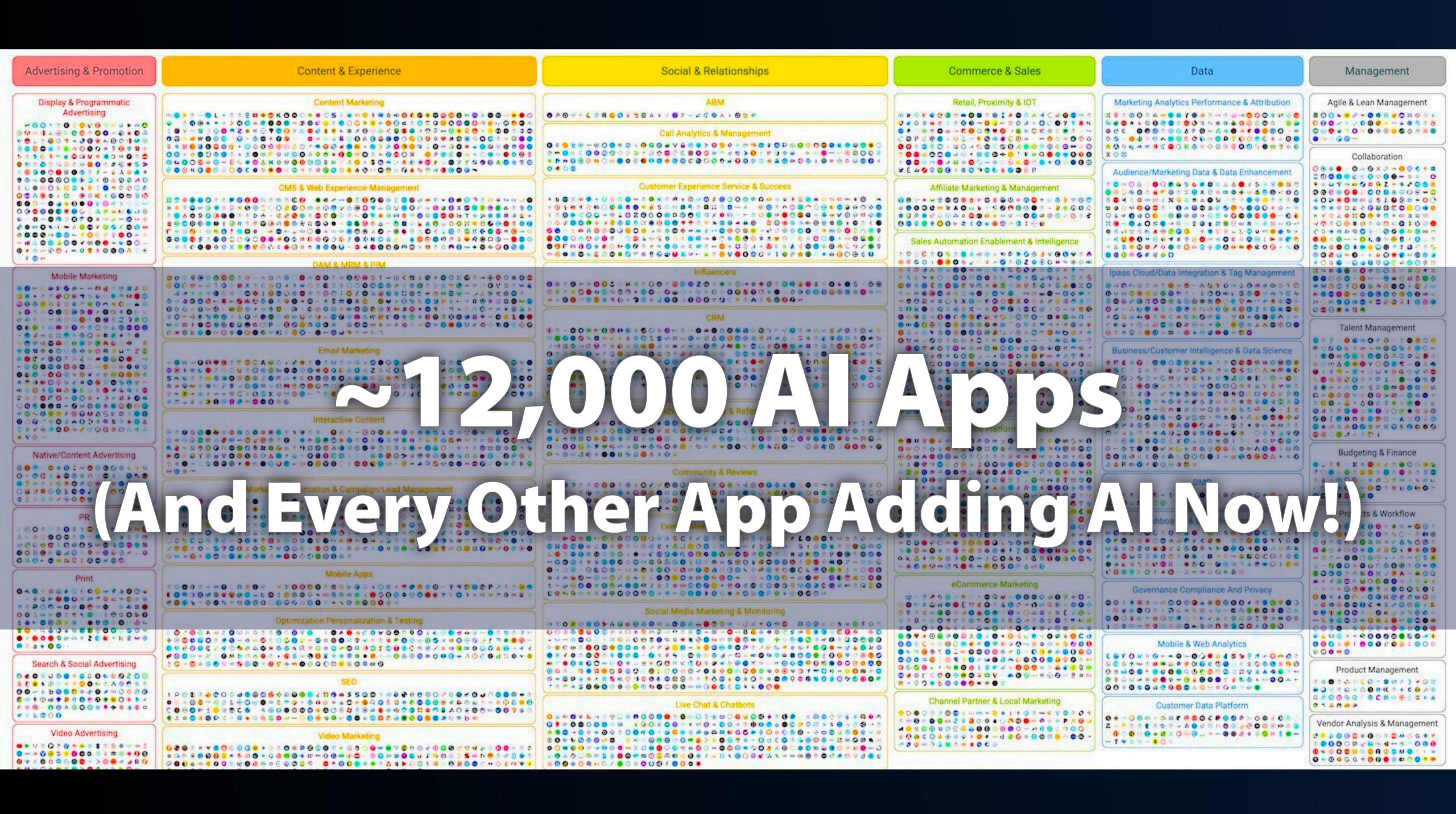
#### Financial Information

The latest quarterly results, proxy statements, SEC filings and more.

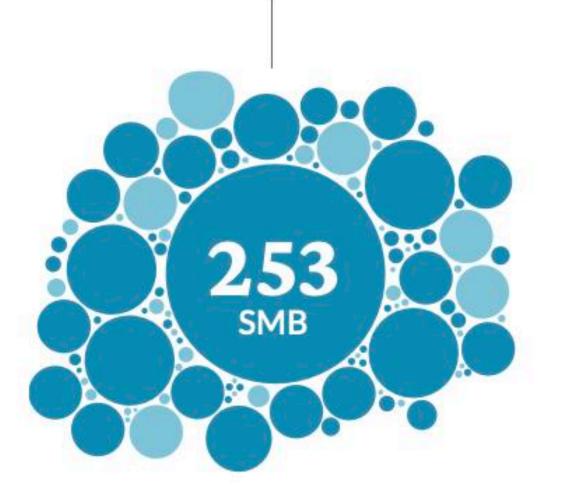


## There are More Than 10,000 Al Apps Right Now

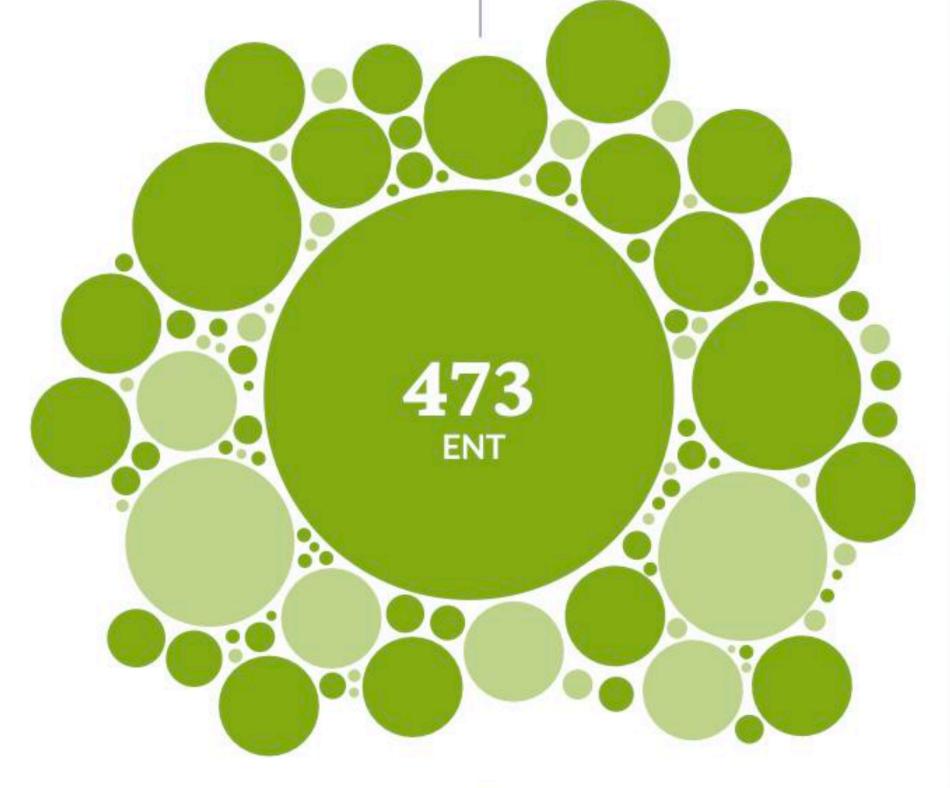
## And In 12 Months There Will Be Over 1 Million\*



## How Many Apps Are Companies Using In 2023?

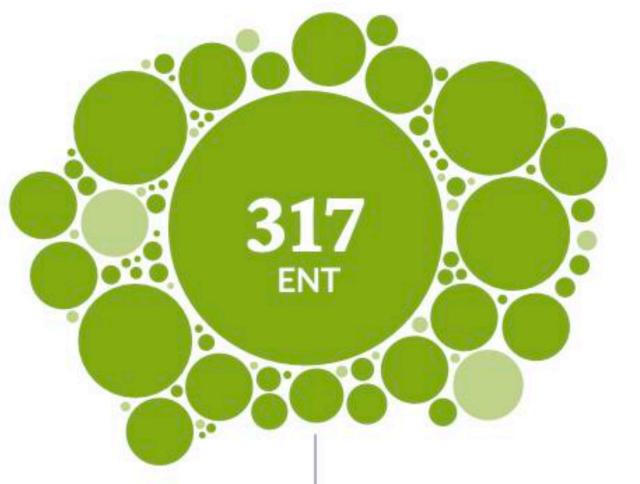




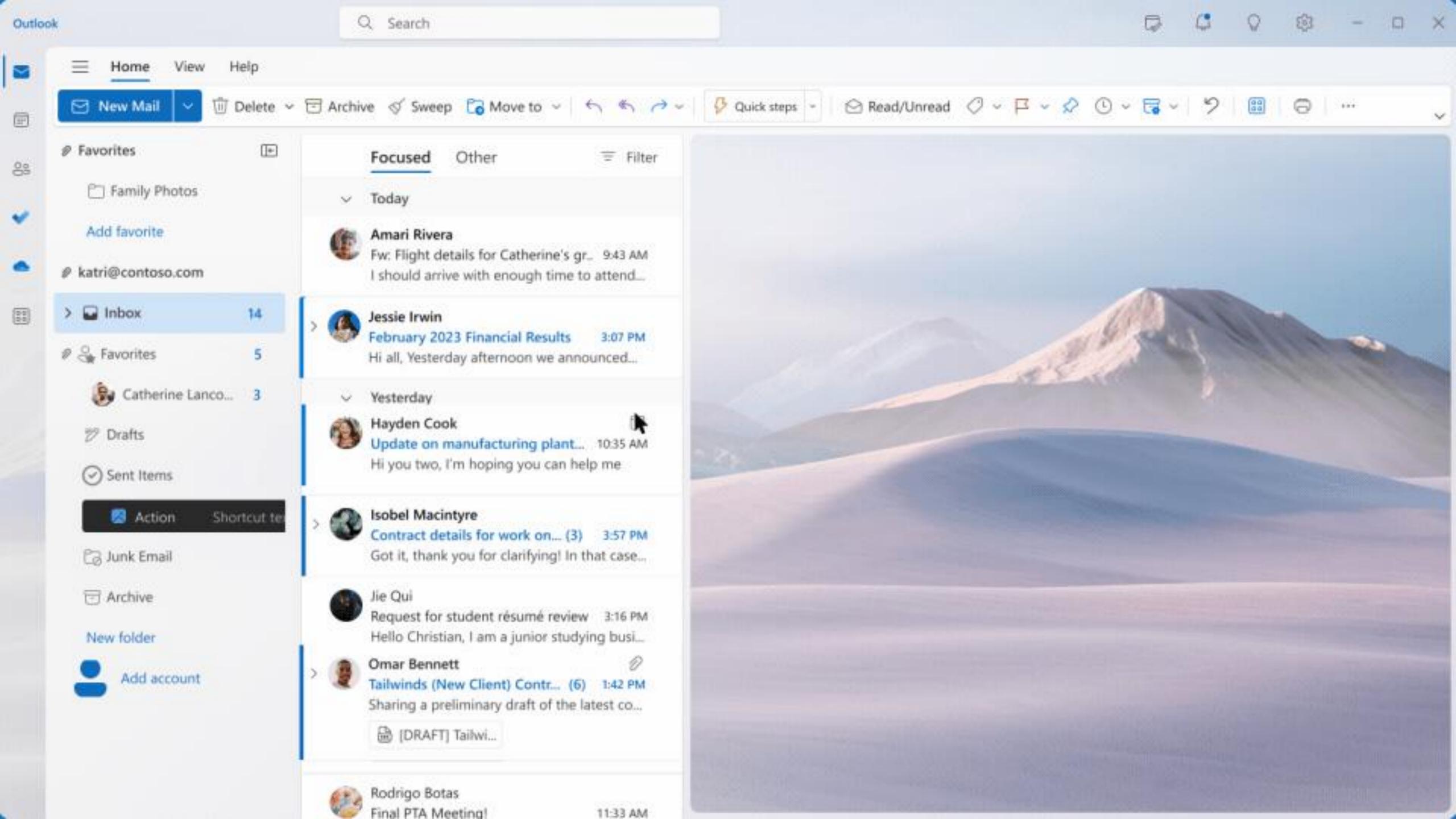




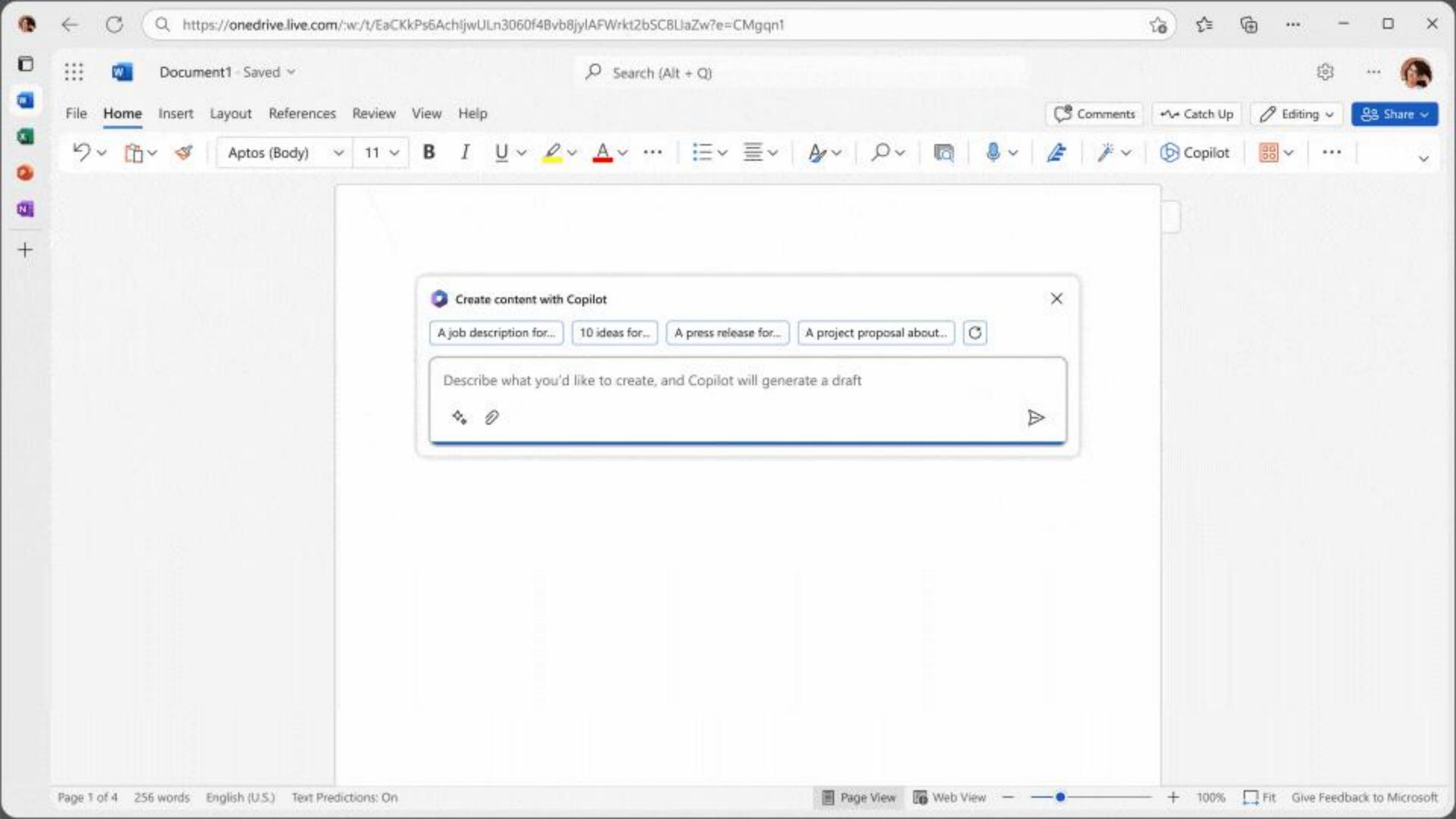


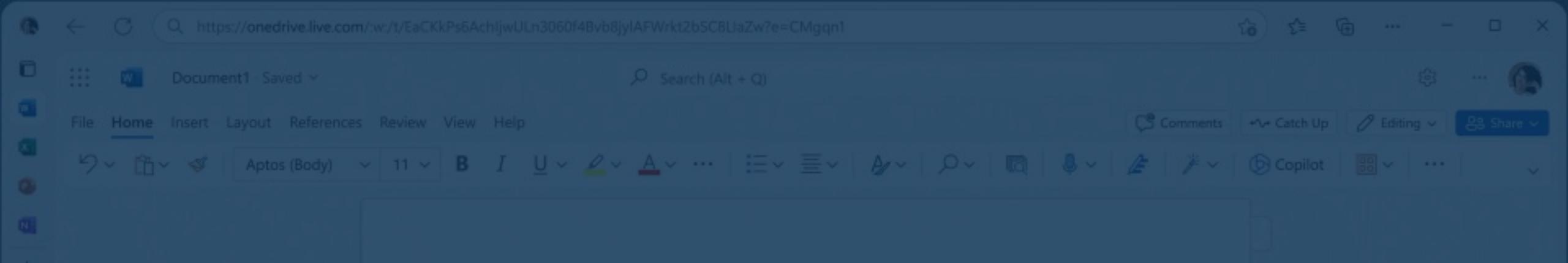


# Al in Your Office Apps: Microsoft 365 Copilot & Canva



- •Summarize the emails I missed while I was out last week. Flag any important items.
- •Draft a response thanking them, and asking for more details about their second and third points; shorten this draft and make the tone professional.
- Invite everyone to a "lunch and learn" about new product launches next Thursday at noon. Mention that lunch is provided.

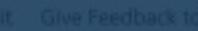


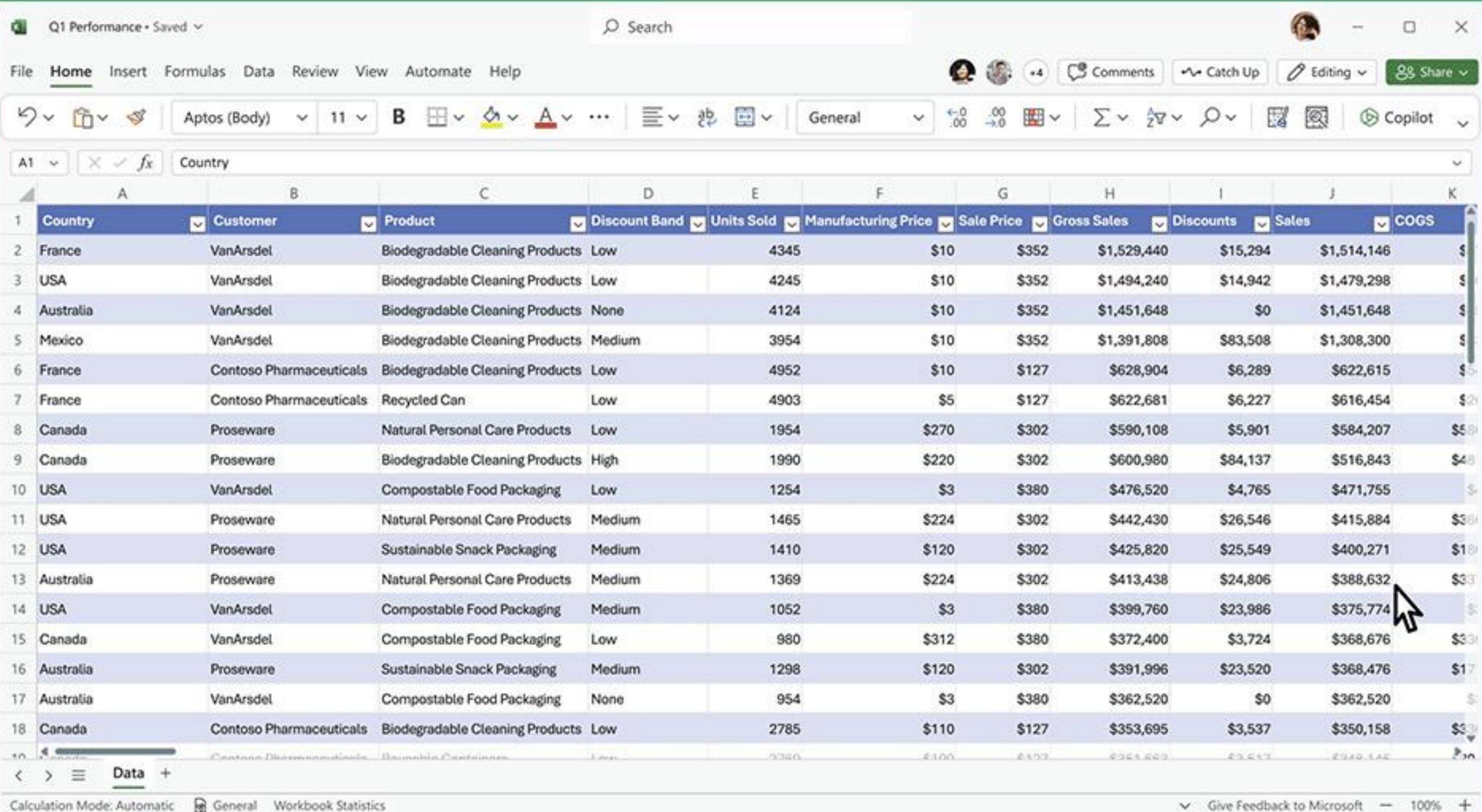


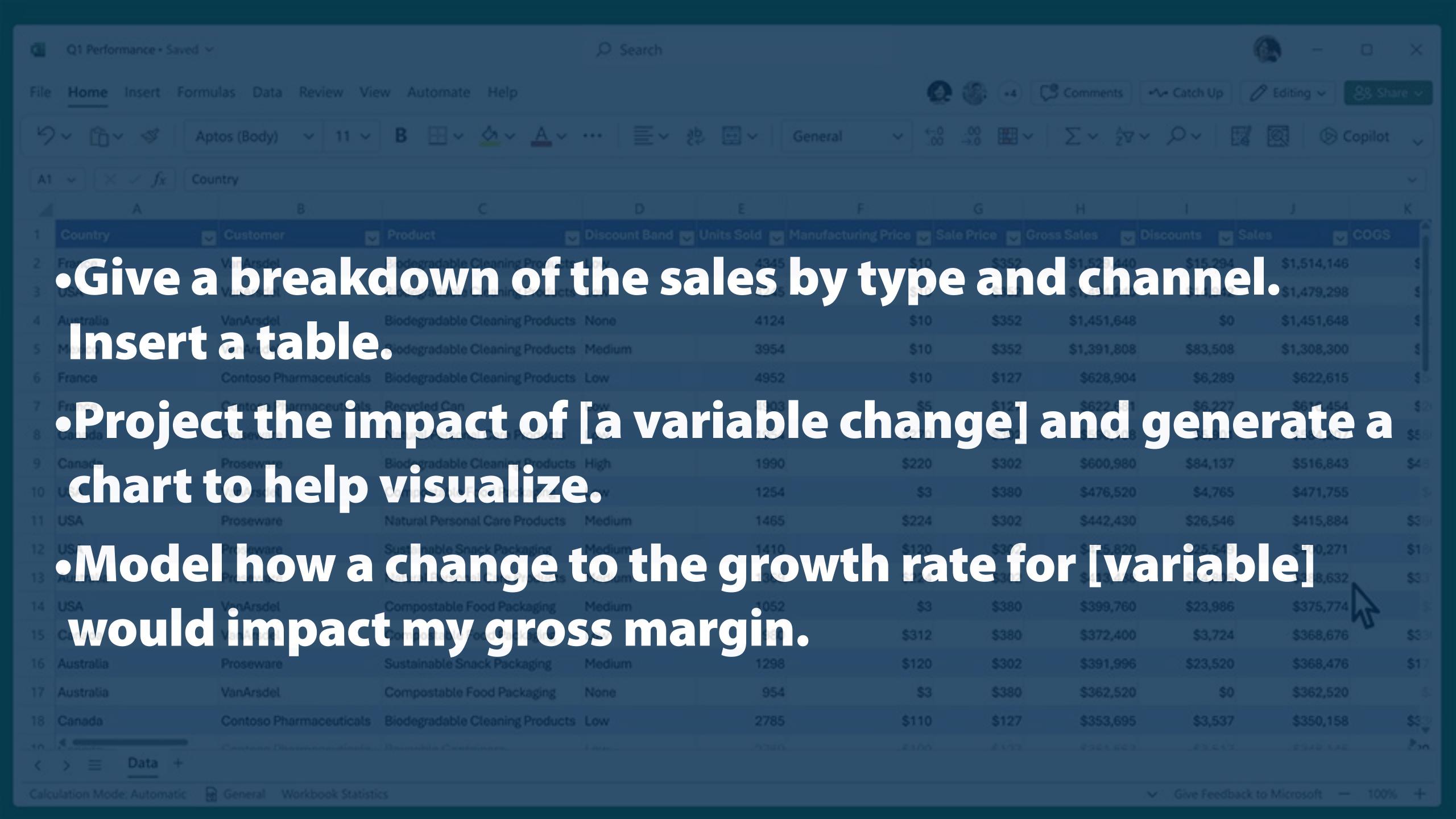
- Draft a two-page project proposal based on the data from [this document] and [this spreadsheet].
- •Make the third paragraph more concise.
- •Change the tone of the document to be more casual.
- Create a one-page draft based on this rough outline.

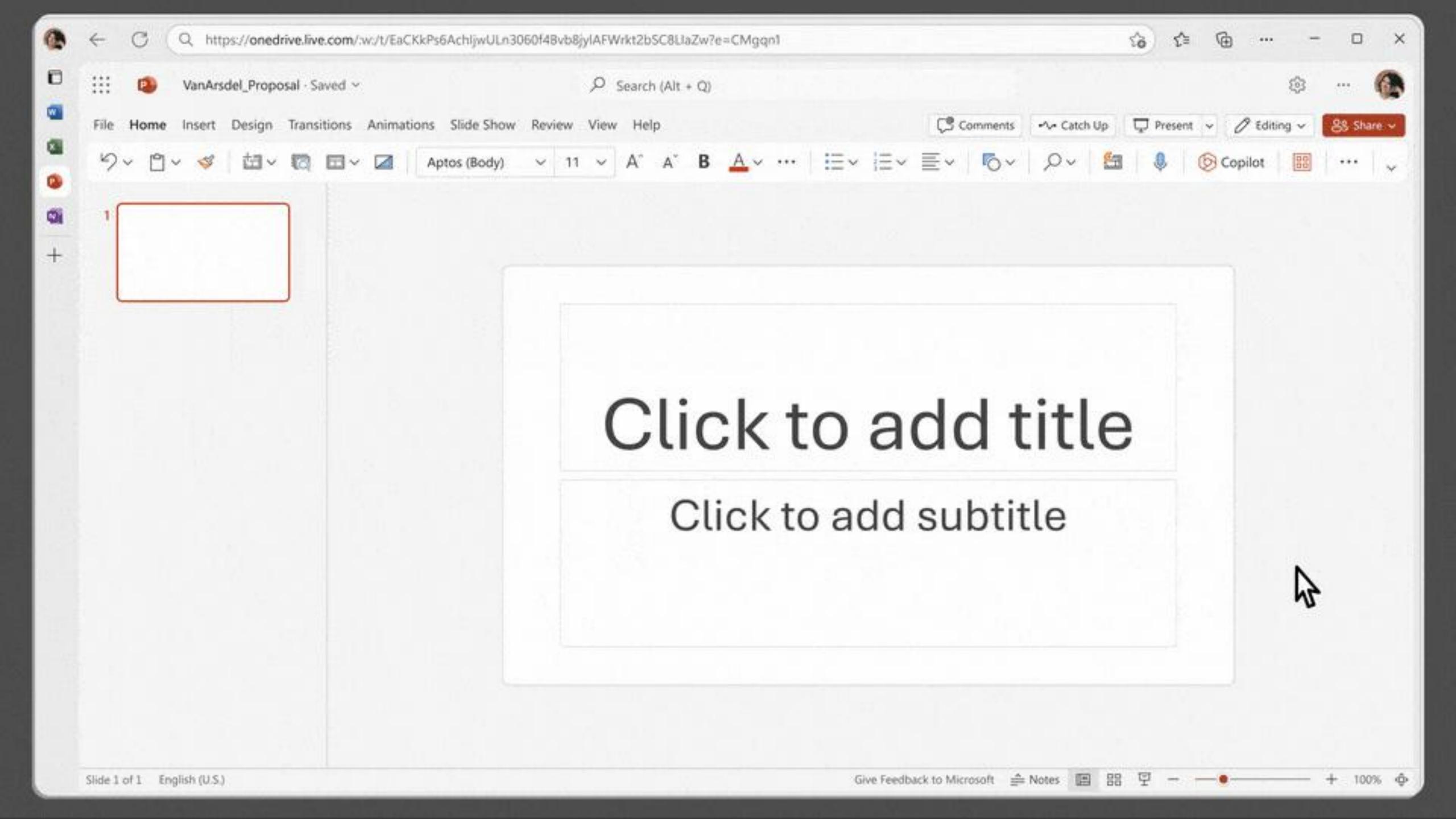


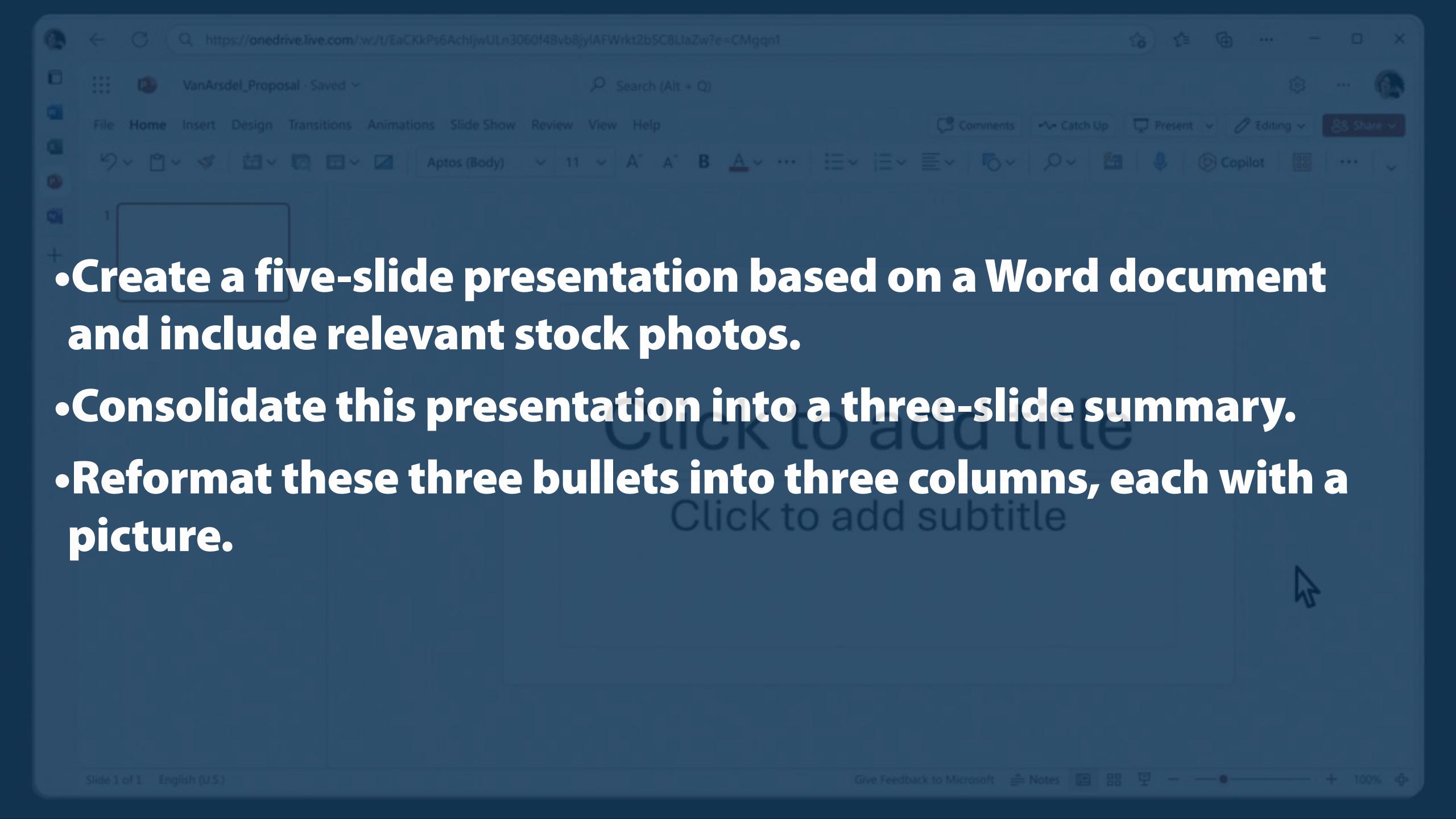












O 03:00





People



Raise





View



















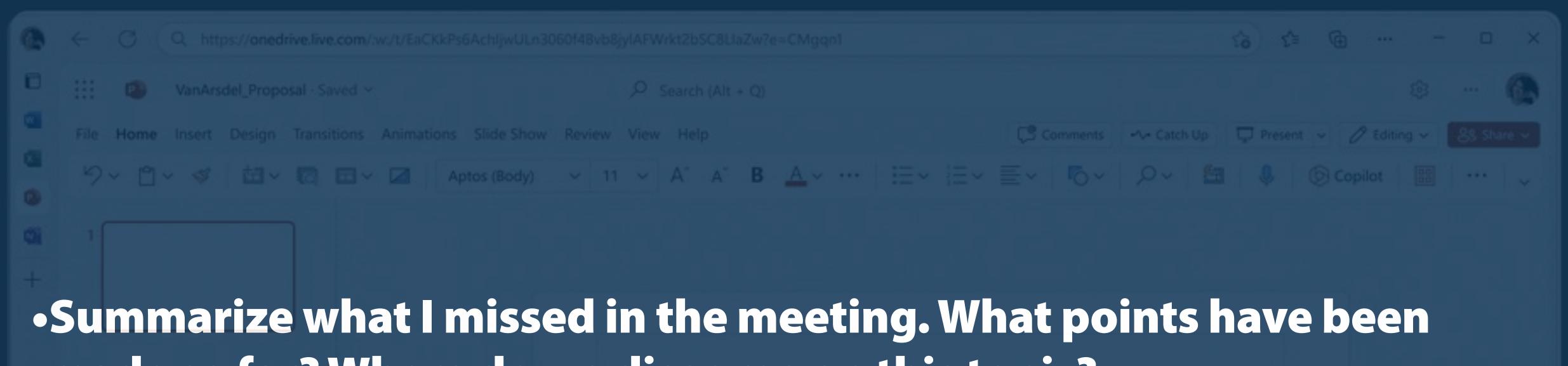












- made so far? Where do we disagree on this topic?
- Create a table of pros and cons for [topic being discussed]. What else should we consider before making a decision?
- ·What decisions were made, and what are some suggested next steps?





#### **Book a Zoom with Craig**



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The Future Trends Group

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