HUMANS IN CHARGE

Indítsuk útjára a Felelős MI-t!

07-08 / 10 / 2024

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National Media and Infocommunications Authority • Hungary

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Flying the Starship

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Three big questions for you

- Do you want your children to continue 'flying the starship'?
- How do we have an informed debate on this issue rather than simply follow the dreams of very rich men?
- How do we create policy to ensure the human future we want?

AI Investment

Silicon Valley outspend everyone and what that means:

- Inflection $1.5bn – no income – bought by Microsoft
- Anthropic – approx. $1.8bn between costs and sales (Google and Amazon have put in $7bn)
- Microsoft reports $1bn in sales from AI but paid $16m + Azure resources for a stake in Mistral and invested $13bn in Open AI (plus additional $6.6bn with others last week)
- Meta spending $10bn in one year for returns in the future
- Google paid $2.7bn for CharacterAI

SciFI Roots for Entrepreneurs

- Ipad – E M Forster
- Speaking to the droid – Star Wars
- Vision – Data (Star Trek)
  - These ideas are shaping our society but we have not created forward looking policy to help create a world we want for our future.
  - We should start today…

- Having humans flying the starship and fighting battles in Star Wars was more exciting for audiences than robots doing so.
  Is a robotic future really what we want?
- When we watched “Robot Wars”,
  did we root for the human teams or the robots?
- Are we captivated by Maverick or Eye in the Sky?

Freddie

Spot

Do we need to worry yet?

- Of 682 officer worker tasks

  93.9% Human v 2.1% GPT-4.o

  - Contextual Understanding 87.5% vs 0%
  - Data Driven Decision making 100% vs 0%
  - Planning and Problem Solving 87.5% vs 0%
  - Sophisticated Memorisation 91.7% vs 8.3%
  - Informational Retrieval 100% vs 0%

  ServiceNow WorkArena++: Towards Compositional Planning & Reasoning-based Common Knowledge Work Tasks 7 July 2024

- GPT4.o outperformed GPT3.5;GPT4o-v; Mixtral

OU, BBC, Reuters Study

Denmark, UK, Argentina, USA, France & Japan – 12000 people. May ‘24

- Large proportion used AI Chatbots "once or twice".
- 7% in the US, 2% in the UK said they use ChatGPT “on a daily basis”. Much smaller recognition of any other tool
- In all countries (including 47% in the US, and 42% in the UK) some hadn't even heard of ChatGPT

OU, BBC, Reuters Study

- Two categories of use:
  - “creating media” most said they were simply "playing around or experimenting" (11%), "writing an email or letter" (9%) or "making an image" (9%).
  - “getting information’ = "answering factual questions" (11%) and "asking advice" (10%) – raises the hallucination question!

Democratising AI & Data

- 2 million GPT users
  - Where are they based
  - 3bn unconnected
  - Global North Women and persons of colour

Generated Data

- Pictures
- Text to Image/Video
- Language
- Deepfakes
- Code
- Cannibalism
- 2025 data increase
- Hallucinations

AI Innovation: Intelligent thinking

- Go fast with responsibility

- Going beyond the POC
- Product will be better and more saleable if people trust it

2024 Edelman Trust Barometer

- 32K surveyed
  - “Those who prioritize responsible AI, who transparently partner with communities and governments and who put control back into the hands of the users, will not only lead the industry but will rebuild the bridge of trust that technology has, somewhere along the way, lost.”
- Justin Westcott, Global Technology Chair.

Insurance and Responsibility

- Can you insure your use?
- Most risky use cases

(SwissRe Institute “Tech-tonic shifts” 23 May 2024)

Human-only jobs

- Oncology?
- Podcasting?
- Mental Health?
- Judges?
- Social Media?
- Writing Reports?
- Art?
- Music?
- Management/Csuite/Boards?
- Elder Carers?
- Nanny?
- Teacher?

AI Enabled Toys

Economic consequences

- Increased productivity
- Coffin shaped populations and retirement
- Population Fall and robot workers; Elders and AI
- Effects of not enforcing copyright law

Everyone is superhuman

- If everyone is superhuman then is superhuman special?
  - Managers
  - Leaders

GEN-Z 56% used GenAI at least once

Augmentation with AI

- Part of jobs, not whole jobs
- Neural diverse employees
- JPM/MS Studies

Environmental Impact

- “the significant energy consumption associated with the extensive use of LLMs for inference presents environmental challenges that must be addressed before their widespread implementation.”

  ServiceNow 23 July 2024: “WorkArena: How Capable are Web Agents at Solving Common Knowledge Work Tasks?”

- ¼ litre of water and 2.5-3.7% Global Greenhouse Emissions
- Microsoft and Google 2023 sustainability targets

HUMANS IN CHARGE 2024

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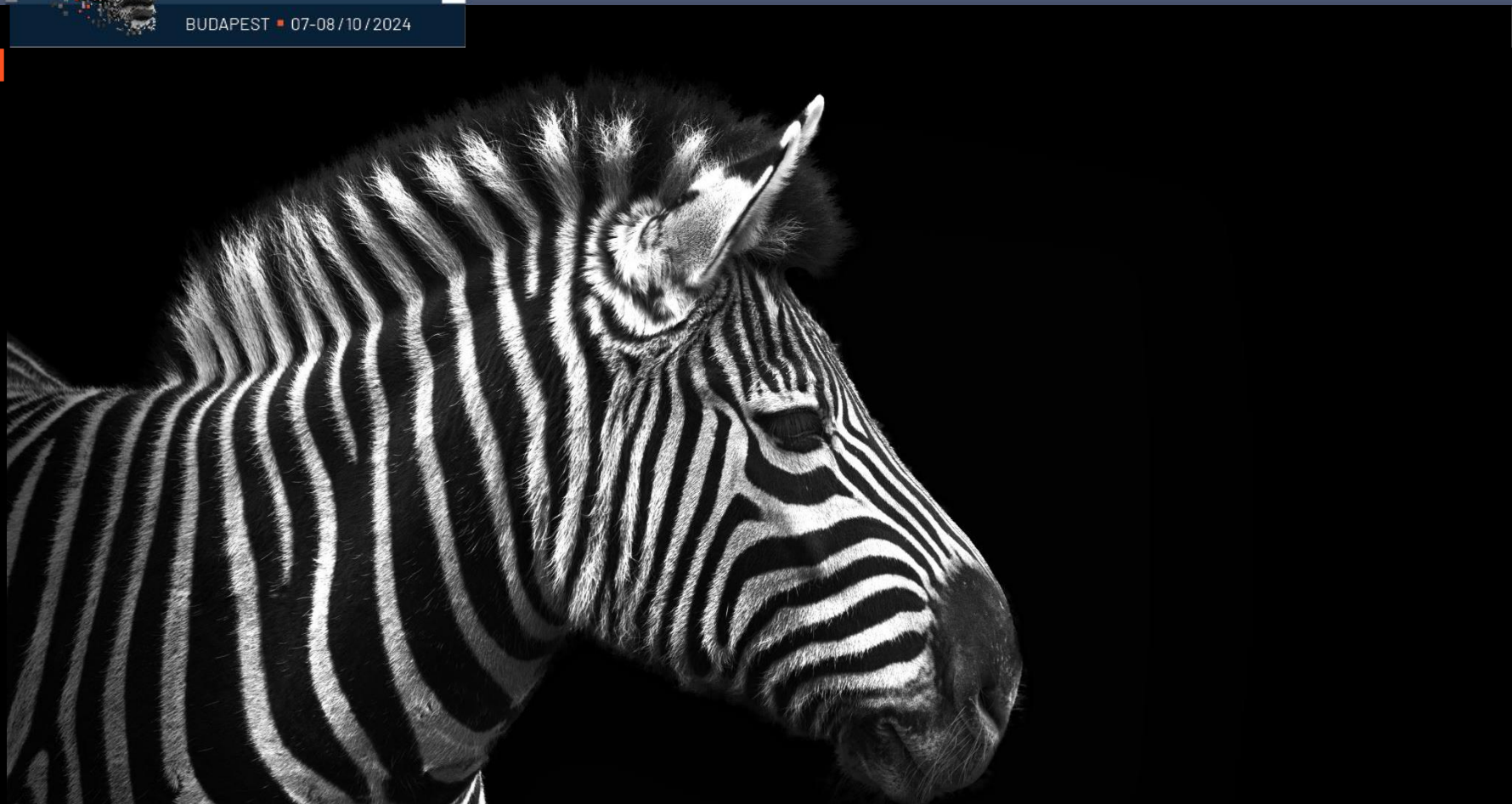
Animals and AI



SO: Three big questions for you

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Thank you

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