

I 期 (一般)

令和 6 年度

武蔵野大学大学院 データサイエンス研究科 データサイエンス専攻 入学試験問題 (9 月 24 日)

[専門に関する筆記試験(英語試験を兼ねる)]

問: 次の文に書かれている「AI の将来に関する 3 つの基本原則」について、あなたの意見を英文で述べよ。

U.S. President Joe Biden evoked AI's "enormous" risk and promise Friday at a White House meeting with tech leaders who committed to guarding against everything from cyberattacks to fraud as the sector revolutionizes society. "It is astounding," Biden said, highlighting AI's "enormous, enormous promise of both risk to our society and our economy and our national security, but also incredible opportunities."

Standing alongside top representatives from Amazon, Anthropic, Google, Inflection, Meta, Microsoft and OpenAI, Biden said the cutting-edge companies had made commitments to "guide responsible innovation" as AI rips ever deeper into personal and business life.

"We'll see more technology change in the next 10 years or even in the next few years than we've seen in the last 50 years. That has been an astounding revelation to me," Biden said. "The group here will be critical in shepherding that innovation with responsibility and safety."

Ahead of the meeting, the seven AI giants committed to a series of self-regulated safeguards that the White House said would "underscore three principles that must be fundamental to the future of AI: safety, security and trust."

Although AI – in which computer programs learn to do many jobs currently performed by humans – is seen as a hugely empowering tool, it also poses potentially nightmarish risks.

In their pledge, the companies agreed to develop "robust technical mechanisms," such as watermarking systems, to ensure users know when content is from AI and not human-generated.

Among the measures pledged by the seven companies ahead of the Biden meeting is agreeing to independent "internal and external security testing of their AI systems before their release" for threats to biosecurity, cybersecurity and "broader societal effects."

Officials said Biden is also already working on an executive order – something that has limited powers, but does not require congressional approval – on AI safety.

(出典: The Japan Times: “Biden secures tech safety pledges over 'enormous' AI risks” , The Japan Times, 2023.)

<https://www.japantimes.co.jp/news/2023/07/22/world/us-joe-biden-ai-rules/>