

China Becoming The First Artificial Intelligence Superpower Widens Tech Gap, Poses New Threats

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Henry Blackburn
Utah State University

Jeannie Johnson
Utah State University

Table 1- How China is dominating AI

Country	Share of active players	AI piloting	AI adoption
China	85%	53%	32%
USA	51%	29%	22%
France	49%	29%	20%

Each category refers to tech companies leveraging AI technology compared to the rest of the tech industry in that country.

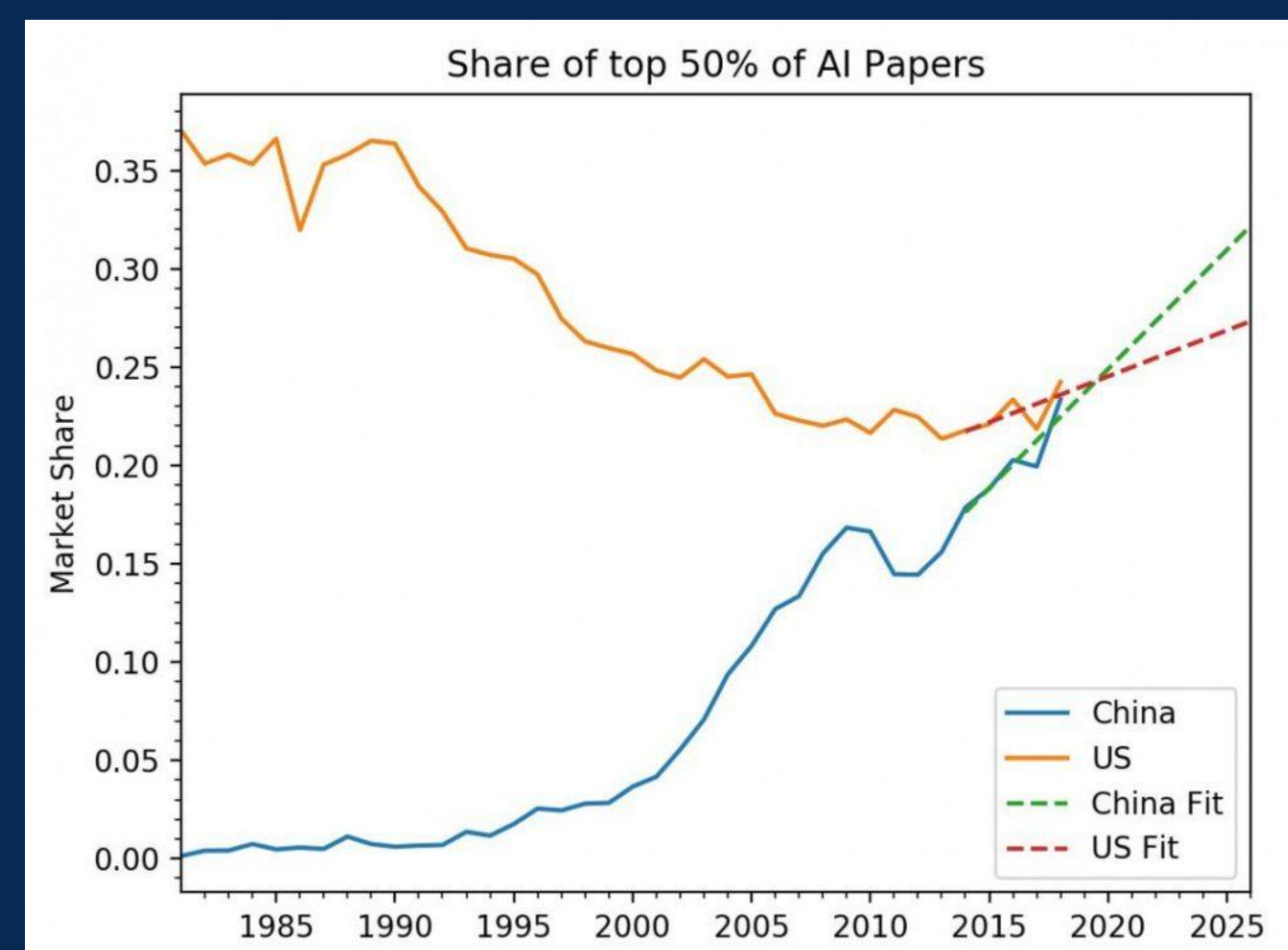
Cybersecurity –

China seeks to improve their cyber infrastructure using AI technology. The primary objective would be using AI to secure Chinese servers and data centers without blocking the connections needed for the Chinese government to monitor all digital activity.

This upgrade would make China more appealing for businesses while closing China off from the rest of the world:

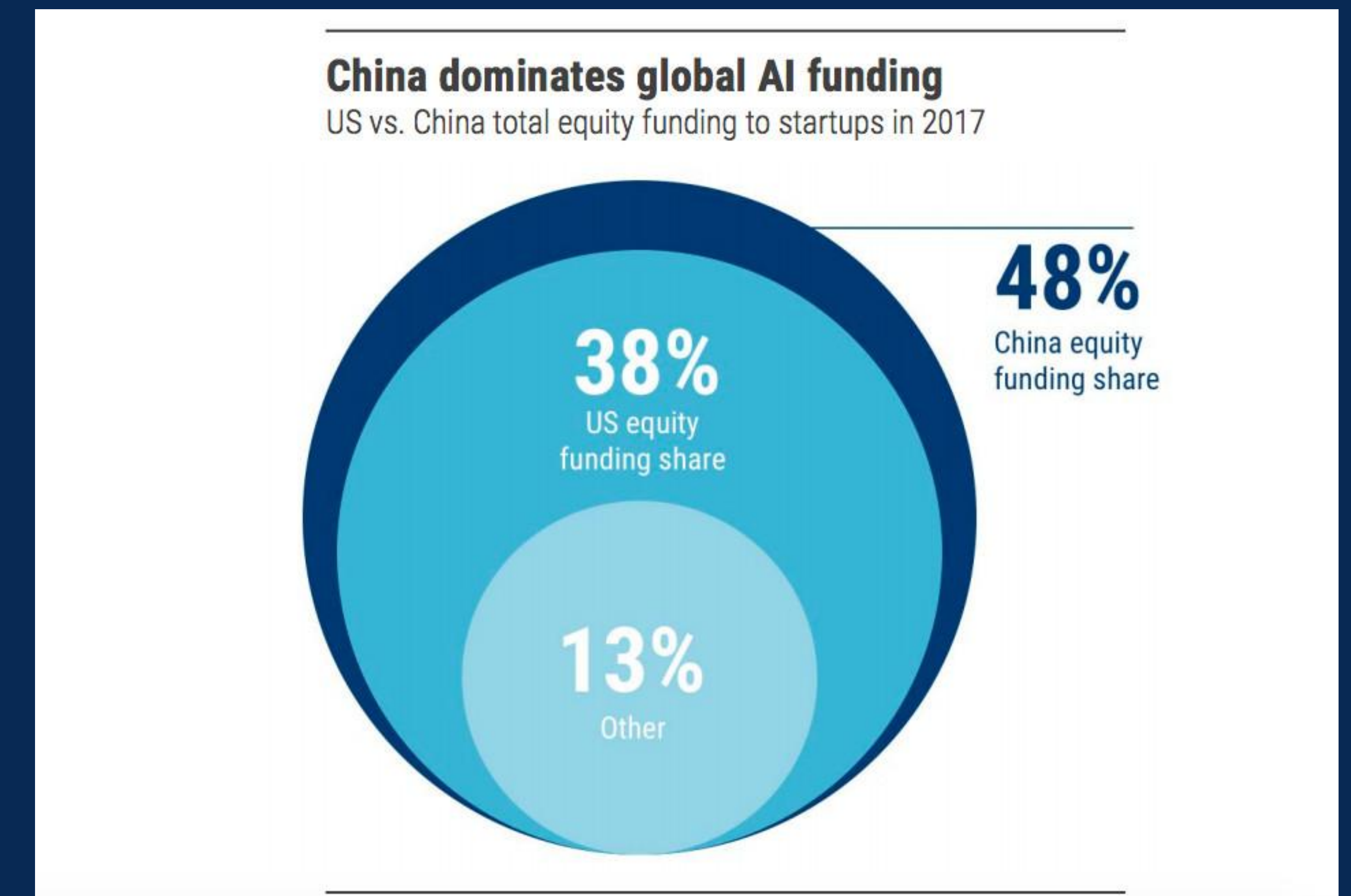
1. In 2018, hackers found unencrypted systems of Chinese facial-recognition software capable of detecting Uighurs by their ethnic features
2. Businesses contracted with Chinese companies currently need to comply with their unencryption policy

Figure 1 – AI Papers Published by US & Chinese Researchers



AI Research: China may overtake the US in just two years

Figure 2 – US & China AI Funding



China's proportion of global AI startup funding as a percentage of dollar value.

Introduction

On June 1st, 2017, China put into effect a massive new technology law that includes an AI-specific goal to make China an AI superpower.

China's actions in the field showcase their desire to transform into an AI superpower while utilizing this technology to become an industry leader when it comes AI tech in cybersecurity, military, and economics.

Methods— this research uses open-source intelligence analysis to evaluate the most important aspects of the technology and its impact.

The Strategy –

Artificial Intelligence will play an essential role in shaping the world. China's strategy to remain the center of AI development is to:

- Utilize hyperlocal implementation
- Promote AI as a career engine
- Aid AI companies receive tax breaks, government contracts and offices.

Military –

Within the PLA's "military modernization", China is growing in a number of robotic and unmanned systems, as well as advanced missiles with precision guidance that possess some degree of autonomy granted by AI systems.

- **Every Branch of the PLA's military has announced plans to incorporate AI into weapons or other technology.**

Conclusion

From the evidence provided, China's new status as an AI superpower will have many consequences. The influence China will have as the center of AI will force many countries developing this technology to adopt Chinese policies.

China's government has cultivated an environment to encourage the start and growth of new AI startups through financial and research-based incentives. Through the adoption of AI, many vital jobs and business processes can be upgraded to be more efficient, resulting in an increased GDP and more global influence compared to the USA.

