


# WHO IS WINNING THE GLOBAL AI RACE: CHINA, THE EU, OR THE US?

## THE UNITED STATES HAS AN EARLY ADVANTAGE




5X  
28K  
670%

The United States has more than five times as many top AI researchers as China.

Around 28,000 highly cited AI patent applications have been filed in the United States since 1960—10 times more than in the EU.

Compared to China, the United States has 670% more AI-focused firms that have received more than \$1 million in funding.

## CHINA IS CATCHING UP FAST



15K  
2.2X  
53%

Chinese researchers published around 15,000 AI papers in 2017—nearly 50 percent more than U.S. researchers.

China generated more than twice as much IoT data as the United States in 2018, a key input for AI systems.

More than half of Chinese firms reported piloting AI technologies in 2018 compared to only a quarter in the EU.

## THE EUROPEAN UNION IS LAGGING BEHIND



5K  
52%  
\$2.8B

Almost 5,000 EU researchers published papers at top AI conferences in 2018, but there were twice as many from the United States.

The EU has half the number of AI start-ups as the United States.

AI start-ups in the EU received \$2.8B in venture capital and private equity funding between 2017 and 2018, less than 25% of what Chinese start-ups received.