# PRESERVING AMERICAN DOMINANCE IN AI ACT

## THE PROBLEM: AI'S EXTREME RISKS

Artificial intelligence (AI) has the potential to dramatically improve and transform our way of life, but also presents a broad spectrum of risks that could be harmful to the American public. Some advanced AI models could one day be exploited by terrorists, foreign adversaries, and less sophisticated bad actors to cause widespread harm and threaten U.S. national security by enabling or assisting in the development of chemical, biological, radiological, nuclear, or cyber weapons. The United States leads the world in developing AI models and we want to keep it that way. While the U.S. Government must address these extreme risks, any oversight should avoid stifling domestic AI innovation and instead focus on maintaining our advantage over foreign adversaries.

## OVERVIEW

The *Preserving American Dominance in AI Act* would establish the Artificial Intelligence Safety Review Office, housed within the Department of Commerce. The Office would be responsible for working with frontier AI companies, large datacenters, and infrastructure-as-a-service (IaaS) providers to: (a) prevent exploitation of these industries by adversaries; and (b) ensure pre-deployment evaluations similar to CFIUS for the most advanced frontier AI models that pose chemical, biological, radiological, nuclear, or cyber risks.

### Specifically, the bill would:

- Establish the Artificial Intelligence Safety Review Office, led by a Senate-confirmed Under Secretary of Commerce for Artificial Intelligence Safety.
- Direct the Office to:
    - Develop a take-home test for frontier AI model developers to evaluate their models for extreme risks prior to deployment;
    - Collaborate with the AI Safety Institute to provide industry with best practices and technical assistance; and
    - Study future AI-related risks and report findings to Congress.
- Require the most advanced data centers that train the most advanced AI models to report the owner and location of the facility to the Office.
- Protect industry from foreign adversarial actors by tasking IaaS providers to implement know-your-customer standards for transactions with foreign persons.
- Safeguard frontier AI models from cyber breaches and intellectual property theft by requiring developers to implement cybersecurity standards.
- Help frontier AI model developers identify red-teaming best practices to test for chemical, biological, radiological, nuclear, or cyber risks.
- Provide the Under Secretary a 90-day window to review a frontier AI model's safeguards against chemical, biological, radiological, nuclear, and cyber risks.
- Ensure a presumption of approval to prevent unnecessary roadblocks to deployment.
- Establish penalties for developers that fail to comply with the Act.

**Senators Romney (R-UT), Reed (D-RI), Moran (R-KS), King (I-ME), and Hassan (D-NH)**