

Directs the National Institute of Standards and Technology (NIST) to develop resources for small businesses to help them better understand and utilize artificial intelligence (AI) systems.

Summary:

The gap between small businesses and their larger counterparts continues to widen as the adoption of AI becomes increasingly critical for success in various industries. H.R. 3679, the Small Business Artificial Intelligence Advancement Act, amends Section 22A of the National Institute of Standards and Technology Act and directs NIST to develop resources to help small businesses understand, utilize, and integrate artificial intelligence systems into their daily operations.

Key provisions in H.R. 3679:

- **Drives Innovation.** Directs NIST, in carrying out its responsibilities in the National AI Initiative Act, to consider the unique needs of America's small businesses and develop AI-related resources for best practices, benchmarks, methodologies, procedures, and processes to help them understand, apply, and integrate AI systems.
- **Broad Applicability.** Requires that developed resources be usable by a wide range of small businesses, including proper use cases and practical recommendations for AI risk management.
- **Technology-Neutral.** Ensures that developed resources are implementable using readily accessible and appropriate technologies suitable for small businesses.

Background:

- Small businesses, especially those in rural and underserved areas, often lack the capacity to independently develop or utilize AI, placing them at a competitive disadvantage compared to larger corporations.
- Through this legislation, the federal government can help democratize access to cutting-edge technologies, enabling small businesses to improve operations, make data-driven decisions, and stay competitive in an increasingly digital economy.
- Small businesses are the backbone of American society:
 - There are 34,752,434 small businesses in the United States.
 - 99.9% of businesses are small.
 - Small businesses employ 45.9% of American workers, or about 59 million people.