intel

Intel's Artificial Intelligence National Strategy Recommendations

U.S. Government leaders can and should help build on the U.S. ethos of innovation and leadership by committing to a national strategy for AI that advances U.S. industrial competitive advantage, improves quality of life, and maintains the nation's AI technology leadership on the world stage.

Why do we need a National AI Strategy?

The U.S must match the efforts of its global neighbors – China, India, Japan, and the European Union – in adopting an AI strategy of its own. As evidenced by these countries' individual AI plans, governments around the world see AI as a catalyst for economic growth and a means to improve the lives of their citizens. Only by prioritizing research and development can we establish the ecosystems to bring AI to fruition. America is being outpaced in the global race for AI leadership; it disbanded its AI taskforce in 2016 and has since held a conference on AI strategy, fostered a series of independent working groups, and issued a general statement entitled "Artificial Intelligence for the American People." This is not enough; the country needs an AI strategy and Intel is outlining the next steps required for US participation on the worldwide AI stage.

The Four Pillars of Intel's AI National Strategy	Actionable Next-Steps
Innovation and Development	**Investment**: Increase R&D investments, identify key areas via a study **Ethical guidelines** **Data Protection regulations** **Global standards:** unified data systems & international data interoperability standards
Data Liberation	**Incentivized data sharing:** through tax or policy incentives **Federal Legislation**: comprehensive federal privacy legislation for data collection and sharing; lead by example with open government data **Standards**: Establish data interoperability standards for AI systems
Employment & Welfare	**Updated curriculum** K-12 **Skills retraining programs** **Mitigation** of AI-caused employment displacement with insurance/benefits programs **Study public/private National Service** opportunities
Barrier Removal	**Apply General Legal Principles:** same laws governing human behavior today should expand to encompass AI **IP Protections** for source code and proprietary algorithms **Avoid tunnel vision:** focus on broad AI objectives not regulating individual algorithms