

Sweden Empowers Tomorrow with AI

The Swedish AI Industry

Leveraging the potential of Artificial Intelligence, Sweden strategically positions itself as a leader in technological innovation. With a commitment echoing its global influence, Sweden, home to initiatives such as the Wallenberg AI, Autonomous Systems and Software Program (WASP), channels investments to propel advancements in this field. Aligned with international collaborations and partnerships such as the TrustLLM, Sweden's AI ecosystem seamlessly integrates academic, commercial, and public sectors, ensuring comprehensive engagement for all stakeholders.

Sweden excels in cutting-edge technologies, including machine learning and data analytics. Our nation stands as a key contributor, offering a strong infrastructure such as the WASP program to support sustainable and efficient AI initiatives. We are not merely advancing technology; we are shaping a future of innovation and cooperation that transcends borders.



Cross Collaborations Enable Application of Societal AI

STRONG PUBLIC AND PRIVATE SECTOR COLLABORATION

The collaborative spirit in Sweden's AI landscape is not just a concept; it is a thriving reality. Initiatives like WASP and AI Sweden exemplify the harmonious partnership between academia, industry, and government. WASP, with its focus on autonomous systems, and AI Sweden, acting as a catalyst for innovation, play pivotal roles in bridging theoretical research with practical applications. This collaborative synergy propels Sweden to the forefront of AI advancements, fostering an environment where knowledge exchange and joint efforts yield solutions that transcend sectoral boundaries, ultimately positioning Sweden as a global AI hub. In 2021, Oxford Insights ranked Sweden as the 6th country in the world for government AI readiness, and an AI commission was recently established by the Swedish government to ensure Swedish competitiveness within AI and setting 2023 as a nation-wide strategy. A key enabler for continuous growth is international collaborations, where the US has a strong industry with companies such as NVIDIA.

THE FOREFRONT OF ETHICAL APPLICATION OF AI

In Sweden, the ethical underpinning of AI extends beyond rhetoric to practical implementation. The commitment to ethical AI is evident in ongoing dialogues around data governance, privacy, and transparency. The nation strives to set a global benchmark for responsible AI use, emphasizing the importance of fairness, accountability, and societal impact. Sweden's dedication to navigating the ethical dimensions of AI positions it not just as a technological innovator but also as a conscientious steward in the responsible development and deployment of artificial intelligence. Sweden is taking the lead in ethical application of AI by initiating a national strategy and policy guidelines to address the subject.

AI AS A PART OF THE SWEDISH SOCIETY

Beyond the confines of laboratories and boardrooms, AI seamlessly integrates into the fabric of Swedish society. This integration is not a mere technological deployment but a conscious effort to enhance and democratize various aspects of daily life. From personalized healthcare solutions to sustainable industry practices, Sweden envisions AI as a tool for societal betterment. The commitment to inclusivity ensures that the benefits of AI are widely distributed, fostering a society where technological advancements contribute to a more equitable and efficient future. This is enabled by the public accessible data within healthcare. In Sweden, AI isn't just a technological wave, it's a societal transformation that prioritizes the well-being and progress of its citizens. One example of the application of AI in the Swedish society is the agricultural industry leveraging of AI to optimize the planting and harvest of plants as well as the healthcare system leveraging the information to correctly diagnose patients. Another example is the mining industry, Epiroc is collaborating with the AI team at Luleå University of Technology to enable automation within underground mining.