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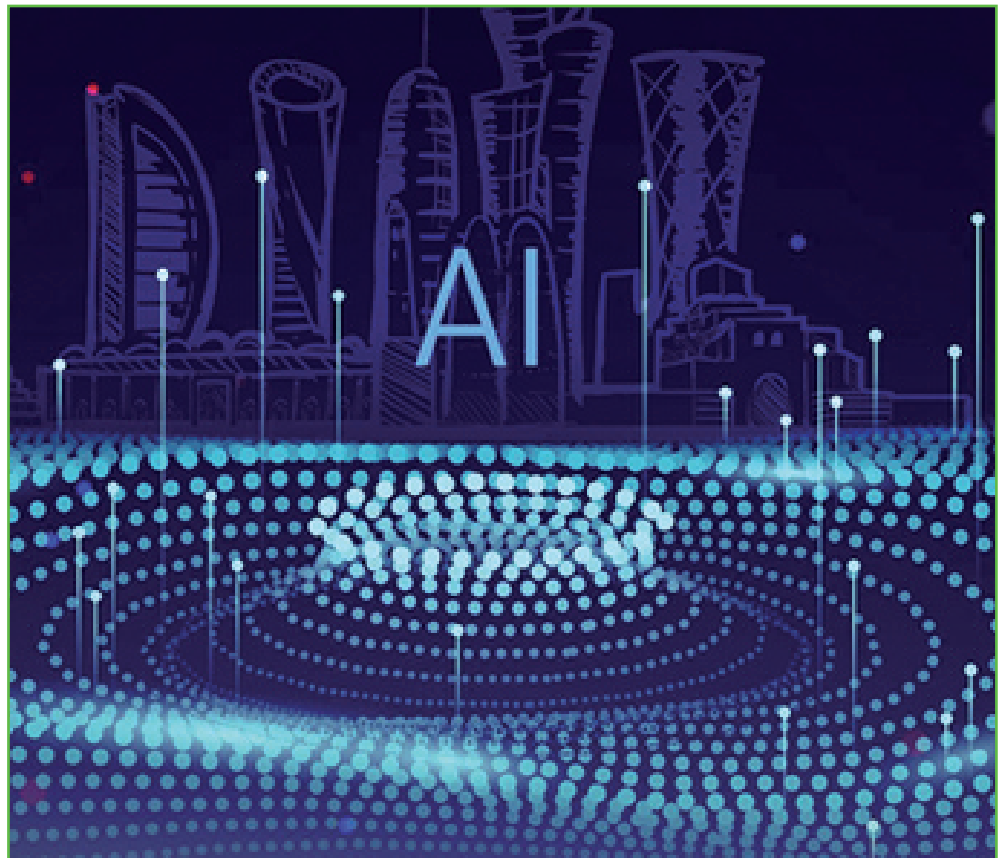
Contents

Artificial Intelligence in the GCC

Artificial Intelligence is rapidly transforming the GCC with each country implementing major AI-driven initiatives to enhance efficiency, economic growth, and technological competitiveness. Oman launched the National Program for Artificial Intelligence and Advanced Digital Technologies in September 2024, aiming to integrate AI into key sectors, localize AI expertise, and establish regulatory frameworks with projects such as Oman GPT, a national AI language model, and the creation of a National AI Research and Development Center.

Oman is also expanding AI-powered cloud and cybersecurity services through the Oman Data Park, integrating AI into Port of Duqm's logistics systems and deploying predictive maintenance AI in the oil sector via Petroleum Development

Oman. Bahrain is strengthening its fintech and digital governance sectors, with the Central Bank of Bahrain using AI for fraud detection and regulatory oversight, while the government has introduced an AI-powered public service chatbot to enhance citizen engagement.

In October 2024, Bahrain launched an AI-powered Smart Traffic Management System to reduce congestion and improve urban mobility. The Bahrain Institute of Banking and Finance is also rolling out AI-powered financial education tools, while Salmaniya Medical Complex is implementing AI-assisted diagnostics to improve healthcare efficiency. The country is further advancing AI research through a partnership between the University of Bahrain and Microsoft AI to develop Arabic-language AI solutions.