

Conference Name: MBP 2025 Singapore International Conference on Management & Business Practices, 07-08 July
Conference Dates: 07-Jul- 2025 to 08-Jul- 2025
Conference Venue: The National University of Singapore Society (NUSS), The Kent Ridge Guild House, 9 Kent Ridge Drive, Singapore
Appears in: PEOPLE: International Journal of Social Sciences (ISSN 2454-5899)
Publication year: 2025

Ashirbekova and Smagulova, 2025

Volume 2025, pp.327-328

DOI- <https://doi.org/10.20319/icssh.2025.327328>

This paper can be cited as: Ashirbekova, L., Smagulova, G.(2025). Strategies for the Development of Artificial Intelligence: A Comparative Analysis of International Experience. MBP 2025 Singapore International Conference on Management & Business Practices, 07-08 July, Proceedings of Social Science and Humanities Research Association (SSHRA), 2025, 327328

STRATEGIES FOR THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE: A COMPARATIVE ANALYSIS OF INTERNATIONAL EXPERIENCE

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Abstract

This article presents a comparative analysis of strategies for integrating artificial intelligence (AI) into public administration. It examines the approaches of various countries to the digital transformation of the public sector through AI technologies, focusing on regulatory frameworks, organizational implementation, and institutional readiness. Particular attention is given to how countries such as the United States, China, Estonia, and the UAE incorporate AI into administrative processes, public service delivery, and decision-making within government institutions. The analysis reveals significant differences in national priorities: from ensuring technological sovereignty and security to developing citizen-oriented services and smart urban infrastructure. Despite these differences, a common objective is evident — to enhance the efficiency, transparency, and adaptability of public administration in a rapidly evolving digital

environment. The findings may serve as a valuable resource for developing national AI strategies in the public sector based on international best practices.

Keywords:

Public Administration, Artificial Intelligence, Digital Transformation, National Strategies, International Experience, Public Policy.