Artificial Intelligence and Economic Dynamics:

Shaping the Future of Industries and Markets*

Shi Weichang

Regional and Industrial Economics, School of Economics, People's Friendship University of Russia

Ph.D. in Economics

Correspondence should be addressed to: Shi Weichang, 1042228218@pfur.ru

Summary

This article takes a comprehensive look at the critical role that artificial intelligence (AI) plays in driving economic growth across industries. Through meticulous analysis and insightful observations, it illustrates the transformative impact of artificial intelligence on production, services, education, and healthcare. In addition, it also provides an in-depth study of the core technologies driving AI adoption, the emerging scale of the AI industry, and the market share it occupies. It emphasized the positive impact of artificial intelligence on production efficiency, innovation, resource allocation and industrial upgrading, while also solving related challenges such as data privacy and job loss. Finally, feasible policy recommendations for leveraging the potential of artificial intelligence to promote sustainable economic development are proposed.

Keywords: Artificial intelligence, economic growth, production efficiency, innovation drive, policy recommendations

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