

# **Comparative Analysis of Industry 4.0 Factors in Georgia and Slovakia: An Economic and Technological Perspective**

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## **Abstract**

The current paper presents a structured comparative analysis focusing on the adoption of Industry 4.0 in Slovakia and Georgia. Both countries, emerging from a shared history of socialism, have embarked on different paths toward integrating Industry 4.0 technologies. The research aims to examine the economic, institutional, and technological factors influencing the embrace of Industry 4.0, utilizing economic indicators and relevant metrics to assess the technological readiness and context of each nation. It highlights the differences in GDP per capita, unemployment rates, and inflation to underline the distinct economic scenarios. The analysis further explores the extent of Industry 4.0 adoption across various dimensions such as awareness, engagement of small and medium-sized enterprises (SMEs), policy support, digital infrastructure, sector-specific developments, workforce training, innovation levels, and the overall economic impact. This analysis offers a comprehensive understanding of the position and potential of Slovakia and Georgia in the global landscape of Industry 4.0.