The Impact of Digital Currencies on Global Trade

Jamie Phillips
PhD
Massachusetts Institute of Technology
77 Massachusetts Ave, Cambridge, MA 02139, USA

Charlie Thompson
PhD
University of Oxford
Oxford OX1 2JD, United Kingdom

Jesse Robinson
PhD
University of Melbourne
Parkville, Victoria, 3010, Australia

Abstract. This paper explores how digital currencies, such as Bitcoin and Ethereum, are reshaping global trade dynamics. By examining case studies and recent data, we evaluate the influence of cryptocurrencies on cross-border transactions, focusing on their potential to reduce transaction costs and increase accessibility. We also discuss regulatory challenges and the future landscape of global trade in a digital economy.

Keywords: Digital Currencies, Global Trade, Bitcoin, Cryptocurrencies, Regulatory Challenges

Introduction

The proliferation of digital currencies has significantly altered the landscape of global trade. Cryptocurrencies like Bitcoin and Ethereum offer a new paradigm for conducting cross-border transactions, often bypassing traditional banking systems. This paper aims to investigate the impact of these digital currencies on international trade by analyzing their potential to lower transaction costs, increase transaction speed, and enhance financial inclusion. We will also explore the regulatory hurdles that accompany the adoption of cryptocurrencies in global trade. Through a combination of case studies, data analysis, and expert interviews, we provide a comprehensive overview of how digital currencies are poised to transform the global trading system. Finally, we will propose policy recommendations to address the regulatory challenges that could hinder the integration of digital currencies into mainstream trade.

References

1. Мошенський, С. (2025). Хаос і синергія. Фінансовий світ постіндустріальної епохи. Sergei Moshenskyi.
2. Smuk, I. (2025). Growth hacking as a driver of innovative development of start-ups: Between marketing and product.