



Faculty of Legal Sciences

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**Applications of Artificial Intelligence in
International Logistics: A Systematic Literature
Review**

Degree thesis submitted in partial fulfillment of the requirements for
the Bachelor's Degree in International Studies with a bilingual
concentration in Foreign Trade

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DEDICATION

I dedicate this work to my entire family for their unconditional support, patience, and trust throughout this academic journey.

To my father, Víctor, and my mother, Ruth, for being the fundamental pillars of my life and an example of love, perseverance, and hard work. Thank you for your patience, sacrifices, and for always being my greatest motivation to move forward.

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ABSTRACT

The objective of this systematic review is to methodically analyze the applications of artificial intelligence (AI) in international logistics. The study is based on the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) guidelines to identify key AI applications in this field and assess the current state of research. A total of 97 scientific articles were analyzed and classified according to the AI techniques used, the logistics areas of application, and the level of research development. The findings reveal a predominance of machine learning algorithms aimed at optimizing international transportation. In this regard, this study provides a structured and up-to-date overview of the state of the art in artificial intelligence applications within international logistics, serving as a solid foundation for future research and for the development of strategies that promote more effective adoption of these technologies in the logistics sector.

Key words: artificial intelligence, international logistic, supply chain, systematic literature review; PRISMA.