Navigating the Future: Using Artificial Intelligence to Improve Ports in the Blue Economy in Nigeria

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Abstract:

The use of artificial intelligence (AI) is quickly changing how ports as well as the blue economy operate by providing creative answers to difficult problems. This study examines how crucial AI is to improving the operation of ports and, consequently, to furthering the sustainability and effectiveness of the blue economy in Nigeria. We examine the use of adductive & inductive deduction throughout this setting, demonstrating how different models of understanding support effective processes of decision-making inside ports. An essential tool for the analysis and improvement of complex port operations involves solution set computing. Researchers also look at other logic-based artificial intelligence (AI) systems to show how flexible and adaptable they are in solving all the different issues the marine industry faces. This study launches a thorough investigation of the crucial part AI performs in the operation of ports, especially within the framework of the global blue economy. We explore the complex methods through which AI, which includes numerous reasoning perspectives including logic-based structures, supports smart decision-making procedures throughout ports. We also look at the manner in which answer response development makes it easier to understand and optimize complicated port processes.