

I'm not robot!

Artificial Intelligence: Pertinence in Supply Chain and Logistics Management

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Abstract—Artificial Intelligence (AI) is the revolutionary iteration of human intelligence. Artificial Intelligence is nothing but the application of human-like intelligence as programmed to rationalize think and behave like human developed for very many purposes including business decision making, problem-solving, business data analysis and interpretation and information management. The application of AI to various industries drives the competitive advantage, market leadership, robust operating efficiency of corporations and other business houses. Expanding the application of AI in the manufacturing and distribution process enables the organizations to reach the pinnacle in their business graph. Businesses are operating in the international market which is highly multifaceted and challenging to serve the world as a sole market for their products, services and their products and without the integration of technology into their business processes, they cannot assure the sustainable growth. The management of the process of transporting the raw materials into the final products is called Supply Chain Management (SCM) and the effective movement and storage of goods, services and information are called Logistics Management (LM). This article analyzes the applications of Artificial Intelligence in Supply Chain and Logistics Management (SC&LM).

Keywords—Artificial Intelligence, Supply Chain Management, Logistics Management, Supply Chain Profitability

1. INTRODUCTION
Artificial intelligence (AI) is the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. AI is the term frequently applied to the project of developing systems endowed with the intellectual processes and characteristics of human, such as the ability to reason, discover meaning, generalize, or learn from past experience. (Cipriani R.J., 2020). Companies must constantly reinvent and keep themselves updated through research and development on knowledge to ensure competitive advantage for achieving a sustainable future (Paul & Prabiraj, 2022). One such latest knowledge is performance of AI in supply chain and logistics. The scope and benefits of AI has made the supply chain professionals to integrate AI applications and the supply chain and logistics management functions. The assimilation of AI in SCM and Logistics improves the efficiency of the network of individuals, establishments, resources, activities, and technologies in the manufacturing and sales of the products and services significantly. Rapid development in technology, ever increasing demand uncertainty, greater market risks, or threat competition by rivals have made Supply Chain and Logistics management a highly complex and challenging process to all business organizations. Supply chain management refers to the management of the flow of services and goods, it also includes all processes that convert raw materials into finished products. The flow should be made uninterrupted and efficient so as to gain supply chain profitability and to reap the benefits of competitive advantage. Logistics management is the component of supply chain management that is used to meet client demands by planning, control and implementation of the optimal movement and storage of goods, services and related information, from origin to destination.

II. ARTIFICIAL INTELLIGENCE—AN OVERVIEW
Since 1940 the year in which the digital computer was invented, the computer has been performing all complex tasks like arithmetic functions, processing of data, proving of mathematical theorems and also the computer is known for its processing speed and memory. But, the computer scientists felt that it is less in some aspects which human can perform such as acquiring and analyzing real-time knowledge, reasoning, problem-solving, perception and responding to language. As a result, AI research and invention was initiated. Human intelligence is characterized by many diverse abilities including rational thinking and responding to the language and situation. Hence, Research in AI has focused chiefly on the following components of intelligence: learning, reasoning, problem-solving, perception, and using language. Initially, the computer was programmed to learn by trial and error and to solve the solution to a particular problem so that over time if the computer encountered with the same problem it would recall the solution stored. More challenging was the problem of implementing what is

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What is Scope after MBA in Logistics and Supply Chain Management

Nowadays, students have numerous choices to nurture their career in different fields with the availability of multidisciplinary education in all streams. In such a scenario, few of the industries have become extremely challenging wherein it has become hard to get a foothold. Hence, it is mandatory now to find out an industry which promises growth and where the competition level remains low. Logistics and Supply Chain Management is one such industry which offers rewarding opportunities with a future-proof career assurance. Let's read further to know how to mark your presence in this industry and growth prospects.

How to Enter in Logistics & Supply Chain Management?

The functions at Logistics & Supply Chain Management units of different industries are performed by the professionals who are instrumental in nitty-gritty of the same. A degree like [MBA in Logistics](#) and Supply Chain Management can testify your prowess among the recruiters and prove to be a gateway to logistics and supply chain management division of a manufacturing unit or any other industry.

What's the scope after MBA in Logistics & Supply Chain Management?

As per a report issued by 'The Bureau of Labor Statistics', logistics and SCM is going to witness a continual growth and will produce 7% more career opportunities for the experienced as well as novice

 **UNHCR**
United Nations High Commissioner for Refugees

CALL FOR EXPRESSION OF INTEREST No. CG/06/21/NG/02

Project title and identification: Logistics and Supply chain management	Project Location: Refugee hosting areas in Uganda
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The purpose of this call for expression of interest is to identify interested and prospective partners (Non-Governmental Organization (NGO) or implement) Logistics and Supply chain management for refugees and asylum seekers under UNHCR operation in Uganda. The operational areas will include:

- Kampala
- Adjumani, Zone A&B, Palabek-Lamira (Zone 1 to 8)
- Arua / Koro (Zone 2-7), Impepi (Zone 2-3), Bidi Didi (Zone 2-3) and Lubilo
- Holesa / Kyryndongo and Kyungwi
- Mbarara / Kivalale, Occhingo, Kaya's G. Bwira/wa'ja and 3 transit centers
- Moyo/Palorinya (base camp, Zone 1-3)

The designated partner will handle the day-to-day activities related to the management and implementation of logistics and supply chain management under the direction, monitoring and supervision of UNHCR.

Organizations/institutions with expertise, experience and capacity in refugees/asylum seekers protection and assistance programmes are invited and encouraged to apply.

A concept note, using attached template has to be submitted by **March 15, 2023**.

For prospective partners to be considered, they should register (online) in the UNHCR partner portal (if not already done). The address for the UNHCR's partner portal is <https://www.unhcr.org/partner-portal>. The user will be guided through simple steps for registration.

The application and expression of interest should outline:

- Capacity, experience, mandate, structure, programmes and activities of applying organization in protection and multi-sector assistance to refugees and asylum seekers
- Capacity, expertise and experience in implementing protection and multi-sector assistance programmes and activities
- Concept note for designing and implementing programmes and activities meeting below objectives including detailed estimates and implementation approach
- Capacity, capabilities and experience in undertaking procurement with donor funds
- The concept note should be concise and contain clear information
- The copy of last audit report (internal or external) as applicable

Organizations that are not UNHCR partners (with partnership agreement) are required to present previous audit reports along with the concept note.

In case there is any difficulty in submitting the concept note at the portal, please contact Mr. Jose Barrios at jbarrios@unhcr.org.

PLEASE NOTE THAT CONCEPT NOTES RECEIVED AFTER THE DEADLINE WILL NOT BE CONSIDERED.

Brief background of the Project:



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