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Use Case of Artificial Intelligence in Machine Learning Manufacturing 4.0

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[Cite This](#)[PDF](#)Balamurugan E; Laith R. Flaih; D. Yuvaraj; Sangeetha K; A. Jayanthiladevi; T. Senthil Kumar [All Authors](#)

6

Cites in
Papers

1953

Full
Text Views

Abstract

Document Sections

I. INTRODUCTION

II. APPLICATIONS IN MANUFACTURING SECTOR

III. ARTIFICIAL INTELLIGENCE USE CASES

IV. CONCLUSION

Abstract:

The sector manufacturing rebellion (Manufacturing generation) has been enticing consideration from entire over the biosphere over the past few years. Digital technology progression has positioned companies in the face of a projected change in paradigms and management methods. Manufacturing 4.0 is altering the manufacturing sector. The novel scientific tendencies, the arrival of manufacturing 4.0 and artificial intelligence (AI) and machine-learning make it imperative to replicate on manufacturing practices and their efficiency with appreciate to the new technological framework. AI and Machine Learning in industry 4.0 paves way for immense revolution for manufacturing companies with different industry opportunities. Industry 4.0 embrace IoT, AI, cyber-physical systems, Machine learning and cognitive computing which enables the startups for smart factories. The production processes in smart factory are allied to interfaces, machines and modules communicate with one another where large amount of information can be collected to enhance the manufacturing process. Artificial intelligence and machine learning in manufacturing is focused on industrial automation in the pursuit of efficacy.

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Authors

Figures

References

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