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An Empirical Investigation in Understanding the Recent Advancements in the Blockchain and Artificial Intelligence for Better Application in the Future

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Abstract:
Artificial intelligence is refers as a simulation of the human intelligence through computer programmed that can mimic the action of human for making a system more efficient and adaptive to the realistic world. The collaboration of machine learning and AI has brought a huge development in the digital technology and business operation by implementing high level of coding and algorithm. With the help of AI, machine can learn new things automatically by creating and analysing patterns, that effective makes a work done faster. In this context, this research has shed light on the recent developments in AI and block chain technologies. This factor further may helpful for the business vertical in changing the way of doing work in the future.

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I. Introduction

AI and Block chain technology is a quite powerful combination that has potentiality to improve the performance of the industry virtually. Starting from data management to financial security, everywhere the application of AI and block chain is undeniable. The AI algorithm trained the data from the dataset to make prediction and classification of the future works. Due to such technology, numerous benefits can be avail such as automation, efficient decision making and repetitive task management with ease. In this context, for in-depth illustration, the present research shed light on the applications of block chain and artificial intelligence technology as its recent developments and usage spread in the national and international market rapidly. It is quite evident that companies and humans are now widely habituated toward technology since technology makes human work easy and saves a large portion of time, which could be utilized in other work and operations [1]. Block chain technology established a distributed point-to-point system, which is highly secure and a verified mechanism for maintaining the decentralized transactions and operations of an organization. On the other hand, artificial intelligence is to be considered as a technology that promotes the development of intelligence in the international markets for increasing the efficacy of business entities. Therefore, the combination of both technologies promotes the business at a higher level by securing the transactions and starting the process of automation. Therefore, the main aim and objective of this research are to make an empirical investigation on the recent developments of AI technology and block chain technology that contribute to business sustainability by enhancing business as well as market performance [2]. Lastly, it is illustrating that the research possesses several methods used by the researcher in gathering the research evidence for the appropriate completion of this research.

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