The Impact of Artificial Intelligence on Society

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ABSTRACT

Abstract: Artificial Intelligence (AI) and robotics play an increasingly important role in our society and economy. But nowadays these technologies are impacting very skilled work kind of jobs. Mankind is on the brink of the fourth industrial revolution, in which robotics and artificial intelligence are expected to have disruptive effects on the types of tasks performed by humans. This big disruption has two sides: lost jobs and concern for society. On the other hand, greatly increased profitability for many businesses. Some warn that it could lead to the creation of super firms' hubs of wealth and knowledge that could have detrimental effects on the bigger economy. It may also widen the gap between developed and developing countries, and boost the need for employees with certain skills while rendering others redundant this latter trend could have far-reaching consequences for the labour market. This review provides a short overview of the on-going discourse on the impact of diffusion and adoption of robotic and artificial intelligence on a different sector.

Keywords: *Artificial intelligence, impact, Economy, Robotics.*
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(A) Introduction

Artificial intelligence is a day-by-day evolving field of engineering with the ultimate objective to build machines capable of acting and thinking like human beings. The early phase of AI was concerned with developing programs for solving problems and game playing. Modern AI encompasses various tools and techniques for human-like reasoning, learning planning, language, and pattern recognition. Artificial Intelligence (AI)has transformed almost all aspects of human life in the knowledge millennium.

The domains that have witnessed the growing influence of AI applications include the automobile industry with the emergence of the driverless car, media, and communication through news feeds, business operations by influencing consumers' buying decisions and behaviors, and last but not least field of telecommunication through digital device functionality.

(B) Methodology

Modern AI, which performs objective functions using data-trained models and is commonly classified as deep learning or machine learning, has already significantly

influenced virtually every major industry. Apart from this, the impact of robots and artificial intelligence can be seen in our lives from different angles.

1. At Workspace: Robots are capable of working at any hour of the day or night. They don't need vacations, breaks, or health insurance. They don't have conflicts with their chief or co-workers and don't take time to deal with their problems. Employees would welcome a workforce consisting entirely of intelligent robots, while employees are concerned about how a robotics-based workforce might affect employment.

2. On Industries: It's tough to imagine a manufacturing company today without automated lines, robotic arms, and advanced technology, In the industrial world, robots have become the new normal, and they are making very fast progress in improving a variety of manufacturing processes.
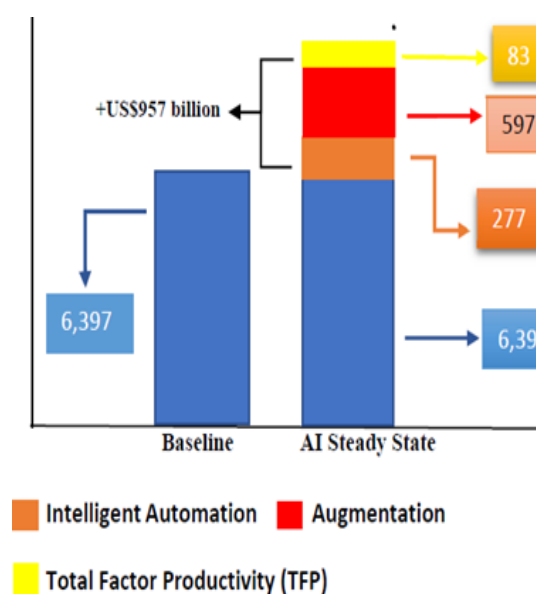
3. In Healthcare: The use of robotics in artificial intelligence is an example of modern technology that is helping to promote digital health and improve medical care. Robotic equipment has rendered surgeons' assistants obsolete. They allow for less error surgery and more accuracy, which reduces patient recovery time.

4. In Privates lives: Our helpers are evolving into robots and sophisticated software. This trend impacts not only businesses but also everyday personal life. People are now embracing a range of home appliances, such as robot vacuum cleaners, robots that can do work like humans, and intelligent coffee makers, to assist them with their tasks, Siri and Alexa are personal assistants that let you give information, place orders, and operate smart home devices. The creation of such assistance will continue as client demand develops.

(c) Results and discussion:

The economic impact of Artificial Intelligent on India.

INDIA'SGVA IN 2035(US\$ BILLION) Total GVAAI Steady State: **US\$7,355billion**

(d) Conclusion:

This paper is aiming to be a baseline for further articles, papers, reading, and research. Based on this paper's hypotheses and assertions, further academic works supported with quantitative and market research methods would be the next step for highlighting social and economic impacts. Robotics and artificial intelligence have impacted the future of every industry and individual in the world. Artificial intelligence has done such a great job for the growth of technologies such as big data, robots, and the Internet of Things, and it will continue to do so in the foreseeable future. Many sectors are only getting started using AI, while others have been using it for a long time. Both have an outstanding amount of work ahead of them. Regardless, artificial intelligence's impact on our daily lives is can't be ignored.

(f) Declaration of conflict of interests:

I wish to confirm that there are no known conflicts of interest associated with this publication. I confirm that the manuscript has been read and approved by me and there are no other persons who satisfied the criteria for authorship but are not listed.

I confirm that we have given due consideration to the protection of intellectual property associated with this work and that there are no impediments to publication, including the timing of publication, with respect to intellectual property.

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I declare that this research paper is my original work, and I have properly cited all sources used in this study. I have not submitted this work or any part of it for publication or academic credit elsewhere. I understand that plagiarism is a serious academic offense and take full responsibility for the content of this paper.

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