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The Impact of Automation on Human Behaviour

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Abstract: The knowledge is the superb determinant on which people are both recognized and impressively novel among every one of the animals in this universe. With the appearance of the field of Artificial Intelligence, the period of robotization has reformed the human existence. The AI likely could be a demonstrating of the human knowledge. For people are, to a first estimate, shrewd; they can see, act, learn, reason, and impart effectively in spite of the colossal intricacy of the undertakings. Since people respond contrastingly to the working of different mechanized frameworks, it is basic to grasp, what the effect of computerization on human machine communication is. The communication among people and completely computerized offices or machines is a main point of contention for the scientists in the area of Psychology, Robotics and Ergonomics. This paper centres around not many significant perspectives the mechanized frameworks on human conduct in various settings and analyses the impacts delivered by them. This study is an assessment of the impacts of mechanization on human way of behaving and to clarify on both positive and adverse consequences of computerization on human way of behaving.

Keywords: Artificial Intelligence, Computerization, human-robot interaction, human behaviour, machines

REFERENCES

- [1]. N. B. Sarter, D. D. Woods, and C. E. Billings, Automation surprises, Handbook of human factors and ergonomics 2nd ed., New York: Wiley, 1997, 1926-1943.
- [2]. R. Parasuraman, T. B. Sheridan, and C. D. Wickens, A model of types and levels of human interaction with automation, IEEE Transactions on Systems, Man and Cybernetics, 30, 2000, 286–297.
- [3]. M. Belanger-Barrette, Collaborative robot eBook Sixth Edition, 2015.
- [4]. I. L. Singh, T. Tiwari, and A. L. Singh, Information technology induced stress and human performance-A critical review, Journal of Indian academy of applied psychology, 34(2), 2008, 241-249.
- [5]. R. P. Koffler, "The Ergonomic Art", Datamation, 29(6), 1983, 235-239.
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