Study on the Principles and Keystones of Artificial Intelligence

Rashmi Singh[1], Singh Divyansh [2], Bartakke Tanmay[3]

Asst. Professor[1] and TYBMS[2,3]

Uttar Bhartiya Sangh's Mahendra Pratap Sharda Prasad Singh College of Commerce & Science, Mumbai, Maharashtra

Abstract*: The field of artificial intelligence study has drawn upon various disciplines such as formal logic, probability theory, decision theory, management science, linguistics, and philosophy. The integration of these fields in AI has required the creation of many improvements and expansions. Computational logic methods are quite potent. When integrated into an agent cycle, computational logic synergistically enhances and surpasses the capabilities of both traditional logic and classical decision theory. A multitude of its techniques can be employed to enhance human intelligence autonomously, without relying solely on artificial intelligence.*

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