

A Review on Machine Learning and its Applications

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Abstract: *Machine learning, a subset of artificial intelligence, has gained a significant role owing to its ability to deal with large datasets and make predictions or decisions without unambiguous programming. We learn supervised, unsupervised, and reinforcement learning in this paper introducing essential conceptions and algorithms in machine learning. This study shows how machine learning is effective in various fields, including environmental science, cybersecurity, healthcare, and finance. This review highlights recent advancements, challenges, and future directions in the field. By studying the current state of machine learning and its real-world implementation or applications, this review provides researchers and practitioners with valuable visions into the potential and limitations of this rapidly evolving technology.*

Keywords: Machine Learning, Linear Regression, Decision-Making, etc