

# Applications of Artificial Intelligence in Machine Learning: Review

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**Abstract:** Artificial Intelligence has been growing in all the technologically relevant fields but it's also spreading within the areas where nobody had imagined it to be. This may sound sort of a progress but it is often equally disruptive in future. It is believed that AI may be a very sensitive issue and if not handled with care, it could find itself imparting 'Superintelligence' to machines which might make them even more intelligent than humans. Machine learning is one among the foremost exciting recent technologies in AI. Learning algorithms in many applications that we make use of daily. Every time a web search engine like Google or Bing is used to search the internet, one of the reasons that works so well is because a learning algorithm, one implemented by Google or Microsoft, has learned how to rank web pages. Every time Facebook is employed and it recognizes friends' photos, that's also machine learning. Spam filters in email saves the user from having to go through plenty of spam emails, that's also a learning algorithm. In this paper, a quick review and future prospect of the vast applications of machine learning has been made.

**Keywords:** Artificial Intelligence, Machine Learning, Supervised Learning, Unsupervised Learning, Semi-Supervised Learning Applications, etc.

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