ML Theory

**Machine learning** (ML) is an important tool for the goal of leveraging technologies around artificial intelligence. Because of its learning and decision-making abilities, machine learning is often referred to as AI, though, in reality, it is a subdivision of AI. Until the late 1970s, it was a part of AI’s evolution. Then, it branched off to evolve on its own. Machine learning has become a very important response tool for cloud computing and eCommerce, and is being used in a variety of cutting-edge technologies.[[1]](#endnote-22977)

As Machine learning is a type of artificial intelligence (AI) it provides computers with the ability to learn without being explicitly programmed. Machine learning focuses on the development of Computer Programs that can change when exposed to new data. At the other hand **Python community** has developed many modules to help programmers implement machine learning such as (**numpy, scipy and scikit-learn**) modules. [[2]](#endnote-30597)

**Machine Learning and Blockchain** technologies are two independent and innovative inventions disrupting the world of data science today. The advancement in technology through the use of data has necessitated the introduction of more efficient systems to get better security and make better decisions based on the accrued data. While both blockchain and ML can work separately, a combination of both can stir a game-changing shift in the rich resources that data represents.[[3]](#endnote-8557)

1. https://www.dataversity.net/a-brief-history-of-machine-learning/ [↑](#endnote-ref-22977)
2. https://www.geeksforgeeks.org/introduction-machine-learning-using-python/ [↑](#endnote-ref-30597)
3. https://imiblockchain.com/blockchain-machine-learning/ [↑](#endnote-ref-8557)