



What is Machine Learning?

Machine learning uses algorithms to allow computers to learn from data and make predictions or decisions without being explicitly programmed. It is a subset of artificial intelligence that enables machines to improve their performance on a specific task over time. Machine learning is used in various fields, such as finance, healthcare, and marketing.

Types of Machine Learning

There are three main types of machine learning:

1.supervised, 2. unsupervised, 3. and reinforcement.





Applications of Machine Learning

Machine learning is used in various

fields, such as image recognition, natural language processing, recommendation systems, and fraud detection. For example, machine learning algorithms can be used to identify objects in images, analyze sentiment in text, recommend products based on user

behavior, and detect fraudulent transactions in real-time.



Machine Learning Process

The machine learning process involves several streng data Conferior, adda preparation, model hashings model trainings model evaluations, amount data in gathered in the data proparation rating. The data is deserted, transformed, and formatted, in the model hashing stage, a machine learning model is created in the model frazing stage, the model is trained on the data in the model evaluation stage, the model's performance is and through the model's performance is model in the model of the model in model in the model is the model in the model in the model in the model is the model in the model in model in the model is the model in model in the model is the model in model model in model mo



Conclusion

backine learning has revolutionized the way we solve problems and make decision. With its allity to learn from data, it has transformed various fields, from medicine to finance to retail flowerer, machine learning also faces several challenges that must be addressed to ensure its effectiveness and fairness. As we continue to develop new techniques and algorithms, the potential applications of machine learning are endless.