

Free Machine Learning

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Halal Artificial Intelligence

Artificial Intelligence for All

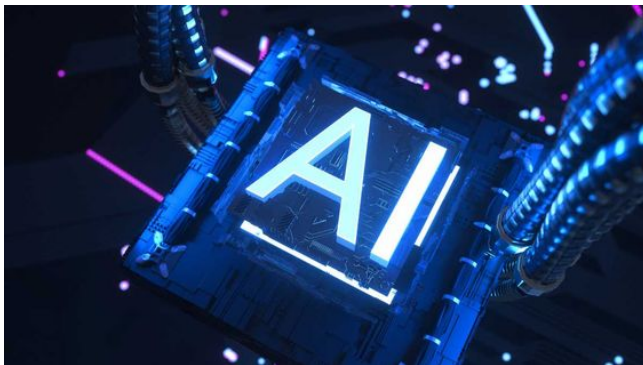


Image for illustration

What is AI and ML ?

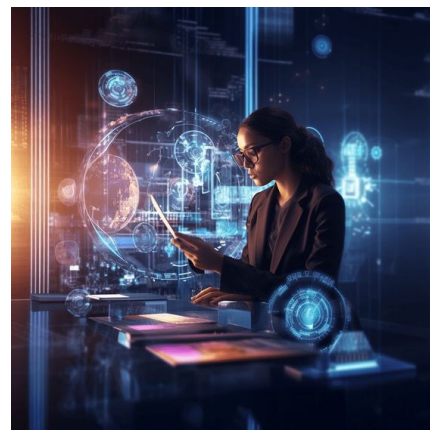
AI (Artificial Intelligence): AI refers to the simulation of human intelligence processes by computer systems. These processes include learning (the acquisition of information and rules for using the information), reasoning (using rules to reach approximate or definite conclusions), and self-correction.

ML (Machine Learning): ML is a subset of AI that focuses on the development of algorithms that enable computers to learn from and make predictions or decisions based on data. It involves creating and training models that can recognize patterns in data and make intelligent decisions without being explicitly programmed to do so.

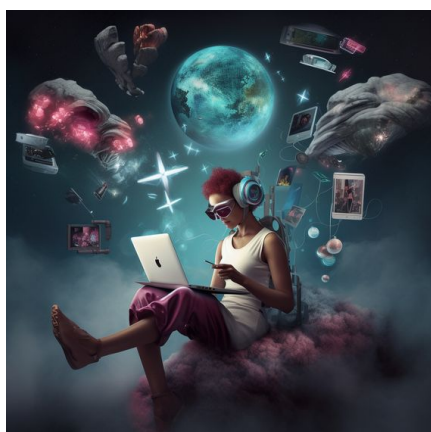
What is AutoML ?

AutoML, or Automated Machine Learning, is an approach aimed at simplifying and automating the process of building machine learning models. By using AutoML, developers and data science practitioners can create models efficiently, without having to manually perform every step of the process.

With an AutoML interface, instead of writing code, users interact with a user-friendly platform that allows them to specify input data, select the types of models to explore, and define performance metrics to optimize. The interface then automatically handles all steps of the process, including data preprocessing, selecting the best algorithm, optimizing hyperparameters, and evaluating the generated models.



Auto ML



AI for All

Why AutoML ?

The importance of AutoML lies in its ability to democratize access to machine learning. By simplifying the model creation process, AutoML enables a wider range of people, even those without deep expertise in data science, to benefit from the advantages of artificial intelligence. This accelerates the development of AI-based solutions in various domains such as healthcare, finance, e-commerce, and more. Additionally, by automating repetitive and tedious tasks, AutoML frees up time for data science practitioners, allowing them to focus on more complex and strategic tasks.



Contribution

For contribution

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TAPS

Halal Artificial Intelligence