

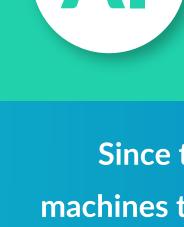
# Al, ML and DL

## - Unlocking the Jargons

How these relates

### to human brains? Artificial Intelligence copies human behaviour, the way we think, work and function.

- Machine Learning teaches computers to think the way we humans do.
- Deep Learning is a software that mimics the neuron networks in a human brain. It improves on its own with experience and by using



historical data.

### INTELLIGENCE: Since the evolution of technology, humans have wanted machines to work on automation without any external guidance.

Al falls into three categories:





### **ARTIFICIAL GENERAL INTELLIGENCE (AGI):** It is the hypothetical intelligence of a machine that has the

capacity to understand any intellectual task that humans can. **ARTIFICIAL SUPER INTELLIGENCE (ASI):** It is the hypothetical AI that just doesn't mimic human

intelligence but possesses intelligence far more than the

brightest and smartest of human minds.



### Grammar checking software like Grammarly &

customer reactions

ProWritingAid uses Al

**EXAMPLES OF APPLICATIONS** 

Sentimental analysis helps understand

Face, Fingerprint and Voice recognition that

Al's NLP tech allows detection of urgency in

RPA automates mundane & repetitive tasks thus reducing workload

text, thereby helping CS teams

enhances our security systems

MACHINE

LEARNING:





serves better.

Netflix account



**ALGORITHMS** 

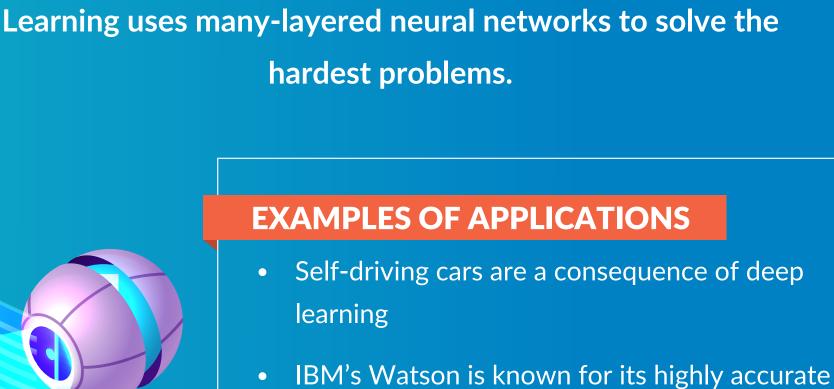
### DEEP

**LEARNING:** 

With each interaction, it gets smarter and

• The movie recommendations you get on your

• Traffic predictions on Google Maps



**ALGORITHMS** 

### Identifying language and speech disorders in children even before kindergarten

Language translators

Short Term Memory Networks (LSTM), Transfer Learning,

Convolutional Neural Networks (CNN), Transformer, and more.

- The market size of AI is expected to reach **\$733.7 billion by 2027.**

## The machine learning market is

## The market size of deep learning will be **\$10.2 billion by 2025**,

Learn more.

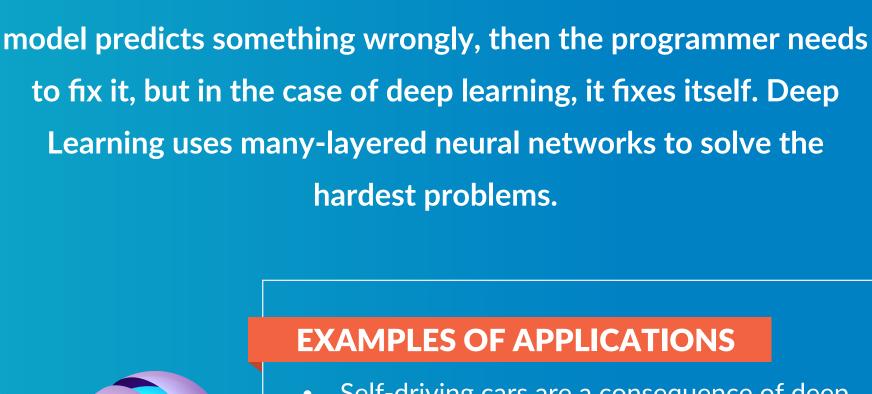
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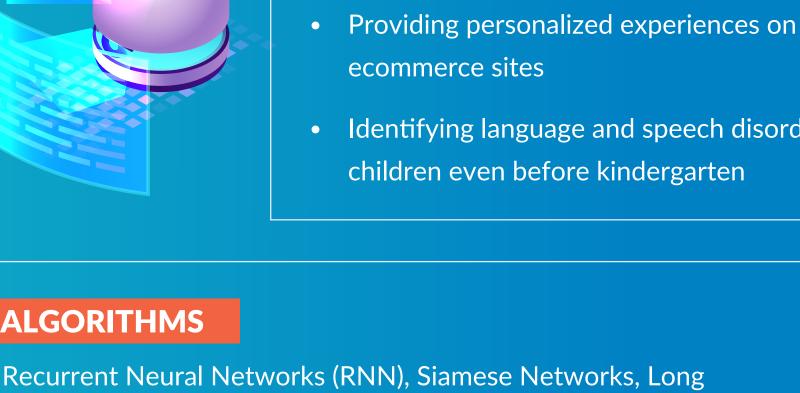
estimates say.



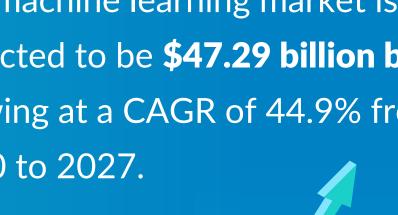


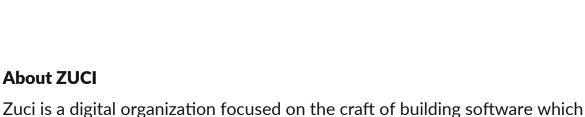


It mimics the network of neurons in the human brain. If an ML



recommendations in cancer treatments





we have perfected over the years. A perfect blend of design thinking,

engineering perfection, and customer-centricity in our DNA has enabled us

to help small, medium and large organizations with superior digital solutions.