



INDIAN SOCIETY FOR TECHNICAL EDUCATION



WE WILL BEGIN IN JUST A MOMENT...



NULL CODE AI

-HRITHIK PURWAR

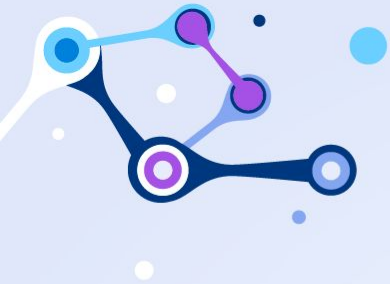


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WHAT IS MACHINE LEARNING?

Here we will have an understanding of Machine Learning and its uses.

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HOW ML WORKS?

Here we will look into the process of and ML model behind the scenes.

03

TYPES OF ML?

Here we will look into the subdomains of ML and the use cases of all of them.

04

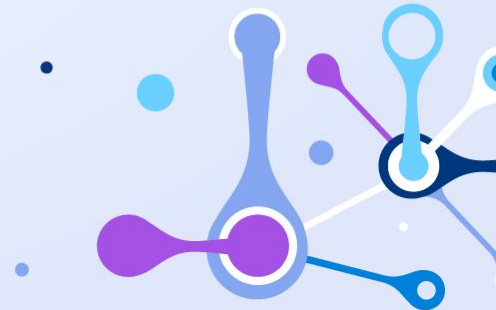
GOOGLE TEACHABLE MACHINES

Here we will look into the platform by which we are going to create out NO CODE AI web application.

05

LIVE DEMO

Here I would be giving a hands on live demo of creating our model which you could follow along.





01

WHAT IS MACHINE LEARNING?

MACHINE LEARNING



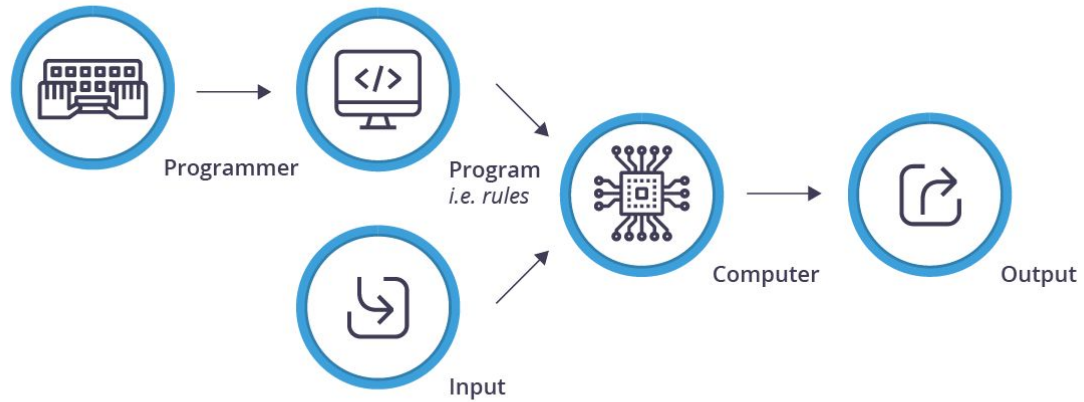
Machine learning (ML) is the study of computer algorithms that improve automatically through experience and by the use of data. It is seen as a part of artificial intelligence. Machine learning algorithms build a model based on sample data, known as "training data", in order to make predictions or decisions without being explicitly programmed to do so.

HOW MACHINE LEARNING WORKS?

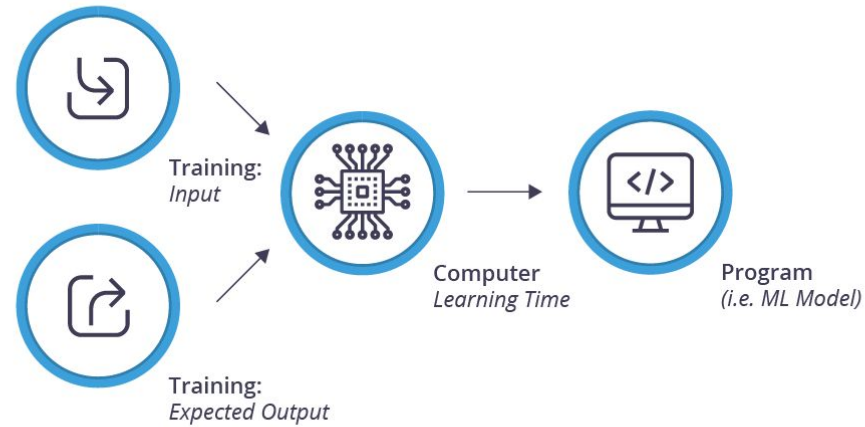
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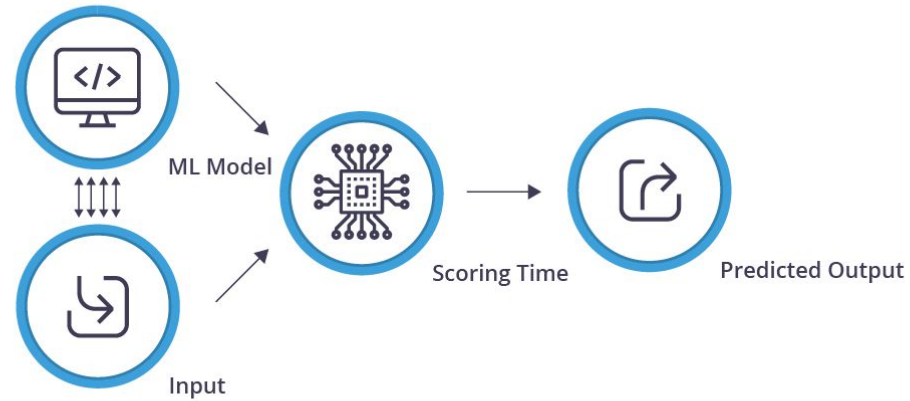
Traditional Computing



The Machine Learning **Training Process**



The Machine Learning **Scoring** Process



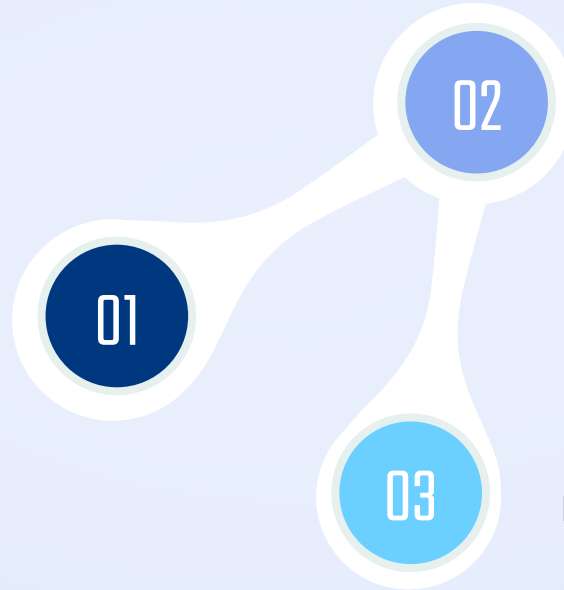
TYPES OF MACHINE LEARNING?



TYPES OF MACHINE LEARNING



SUPERVISED LEARNING
Task-Driven



UNSUPERVISED LEARNING
Data-Driven

REINFORCEMENT LEARNING
Learn From Mistakes

01

REGRESSION
CLASSIFICATION

02

CLUSTERING
DIMENSIONALITY REDUCTION
ASSOCIATION

03

GAMING
ROBOT NAVIGATION
STOCK TRADING



INTRO TO GOOGLE TEACHABLE MACHINES

04

GOOGLE TEACHABLE MACHINE

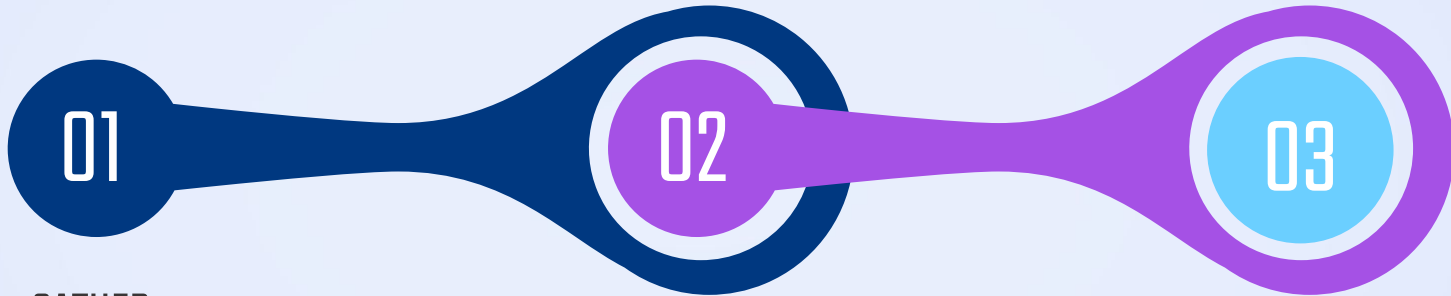
Train a computer to recognize your own images, sounds, & poses.

A fast, easy way to create machine learning models for your sites, apps, and more – no expertise or coding required.

Teachable Machine is a web-based tool that makes creating machine learning models fast, easy, and accessible to everyone.



HOW TO USE IT?



GATHER

Gather and group your examples into classes, or categories, that you want the computer to learn.

TRAIN

Train your model, then instantly test it out to see whether it can correctly classify new examples.

EXPORT

Export your model for your projects: sites, apps, and more. You can download your model or host it online for free.

WHAT CAN IT BE TEACHED?



IMAGES

Teach a model to classify images using files or your webcam.

SOUNDS

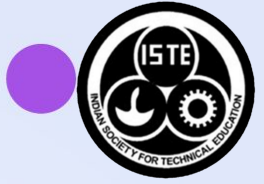
Teach a model to classify audio by recording short sound samples.



POSES

Teach a model to classify body positions using files or striking poses in your webcam.





05

LIVE DEMO

ABOUT ME



HRITHIK PURWAR

B.TECH (CSE) - (2020-2024)



hrithikpurwar



hrithikpurwar@gmail.com



hrithikpurwar



THANK YOU !



ISTE VIT Vellore



iste_vit_vellore



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