

# MACHINE LEARNING

1/30

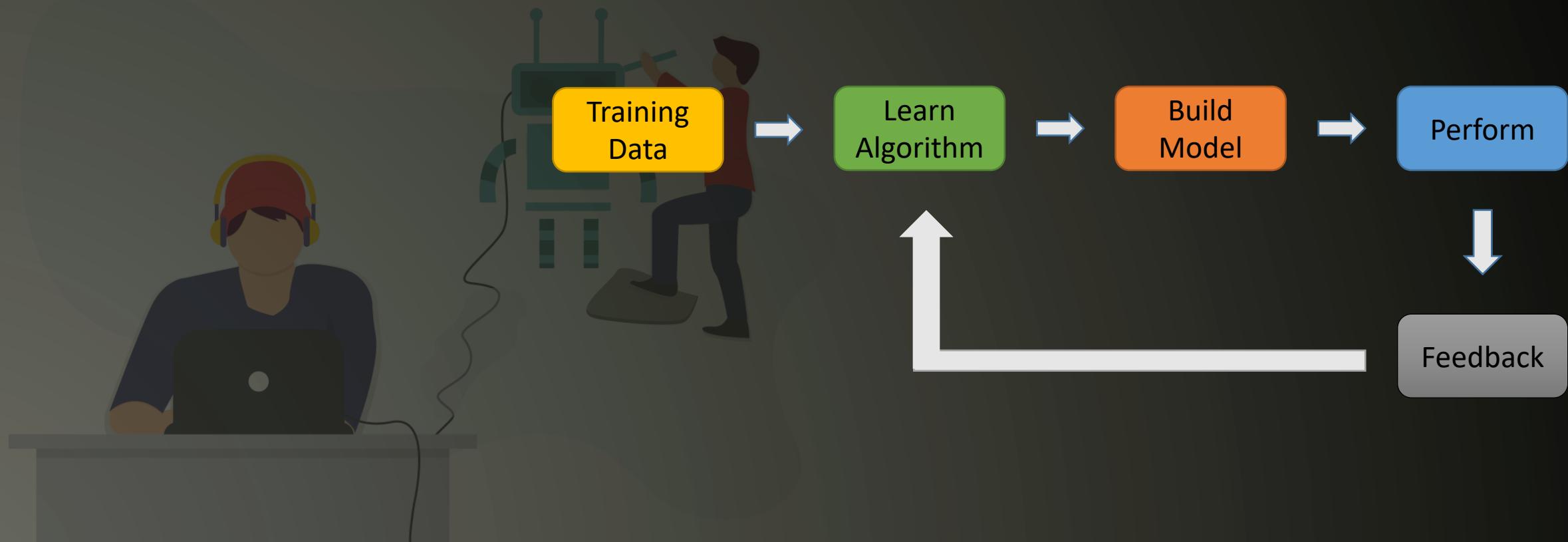
# Topics Covered in Today's Training

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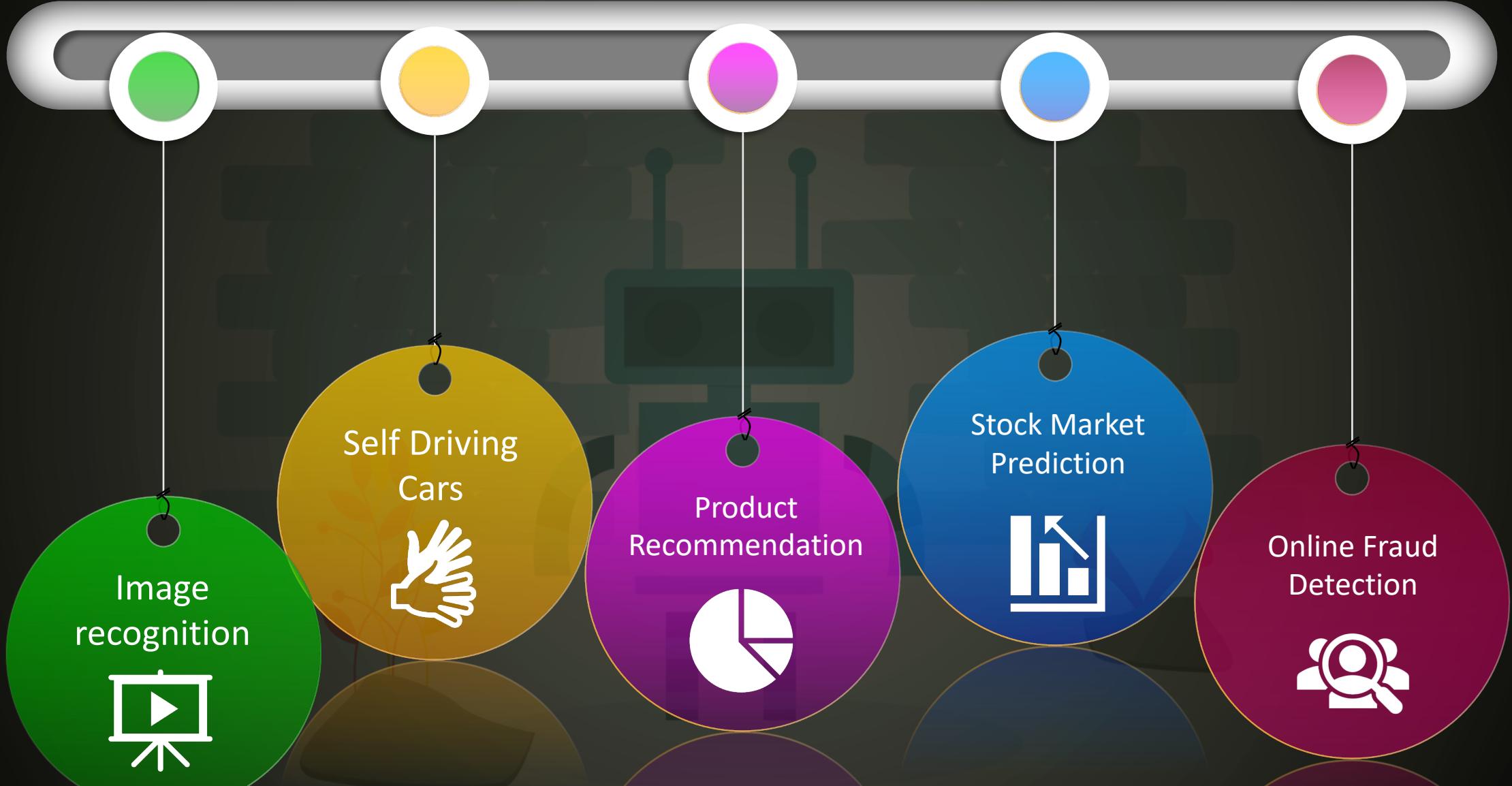
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- 1 What is ML
  - 2 Types of ML
  - 3 Application of ML
  - 4 What is Scikit-Learn
  - 5 Scikit-Learn Installation

# What is Machine Learning

It is a type of **Artificial Intelligence** that allows software applications to learn from the data and become more accurate in predicting outcomes without **human intervention**.



# Applications of Machine Learning



# Types of Machine Learning

01

Supervised

This is a process of an algorithm learning from the training dataset

02

Unsupervised

This is a process where a model is trained using an information which is not labelled.

03

Reinforcement

Reinforcement learning is learning by interacting with a space or an environment.

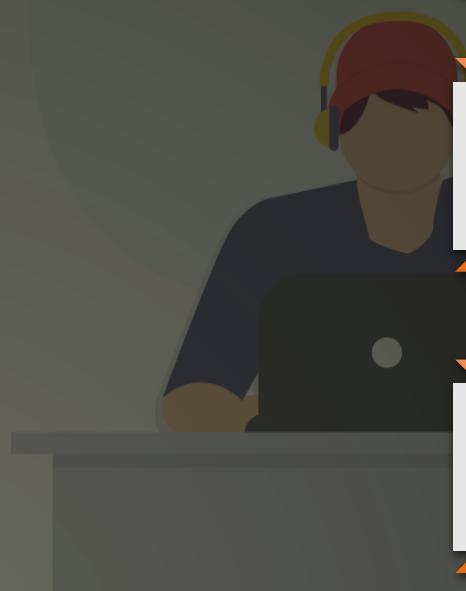
# Introduction to Scikit-learn

**Open** source library which is licensed under **BSD**

Built on **Numpy, Scipy & Matplotlib**

Many **Tuning** Parameters

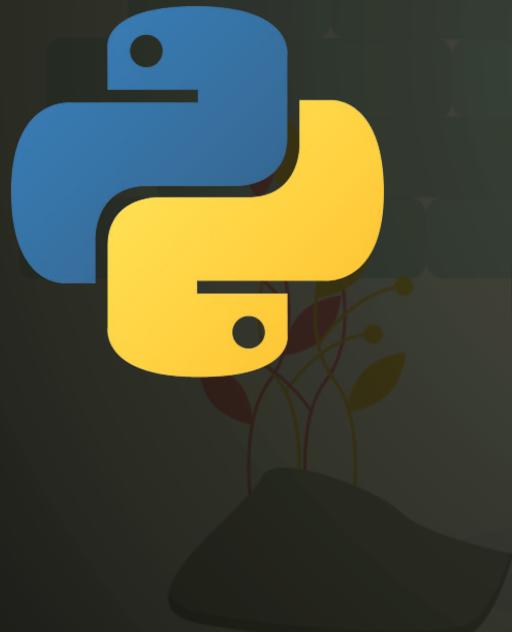
**Documentation & Support**



# Installation of Scikit-learn

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**pip install scikit-learn**



**conda install scikit-learn**

