

A BRIEF INTRODUCTION

TO MACHINE LEARNING

1

TYPES OF ALGORITHMS USED

SUPERVISED LEARNING

The machines are trained using a labeled dataset.



UNSUPERVISED LEARNING

The machines are trained using an unlabeled dataset.



REINFORCEMENT LEARNING

The machines are trained based on the feedback mechanism by performing actions and seeing results.



STEPS TO PERFORM A MACHINE LEARNING



1
Collect
the data



2
Prepare
the data



3
Train a
Model

4
Evaluate
the model

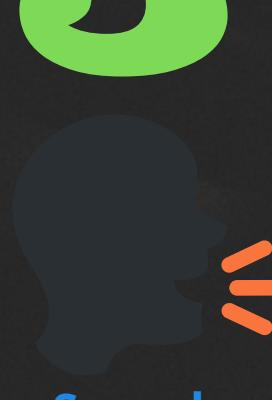


5
Improve
the model



3

APPLICATION OF MACHINE LEARNING



Speech
Recognition



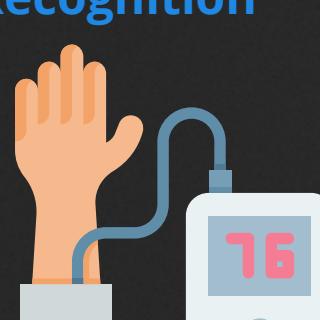
Autonomous
Car



Surveillance
System



Optical Character
Recognition



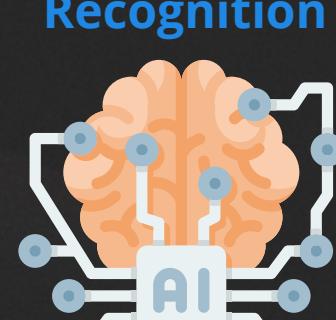
Diagnosis



Recommendation
System



News Feed
Filtering System



Artificial
Intelligence

Canva