

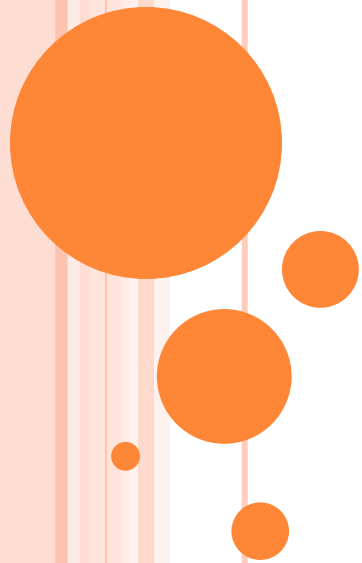


MACHINE LEARNING

TOPIC: INTRODUCTION

By

Dr. Sourav Saha

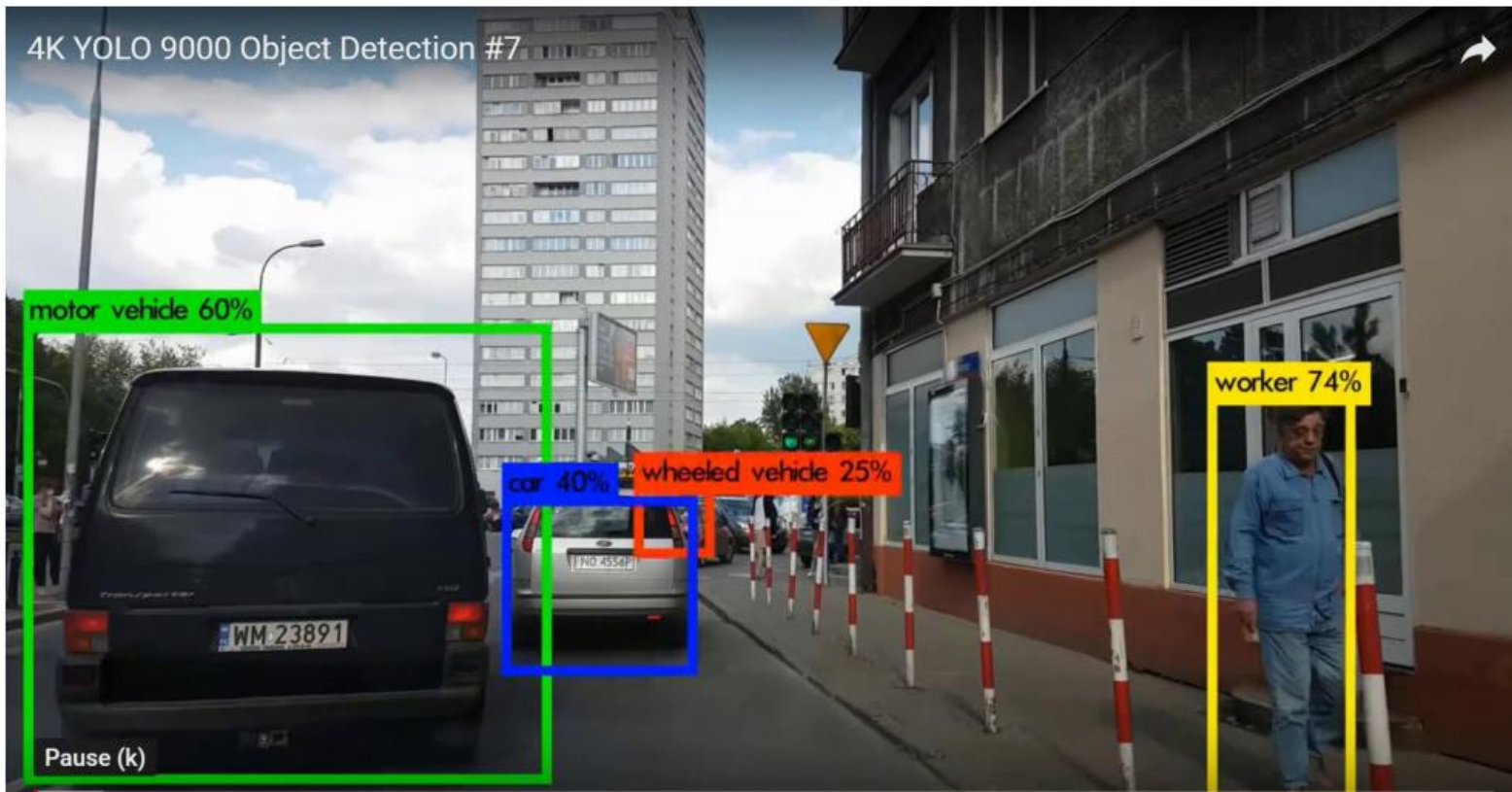


OBJECTIVE

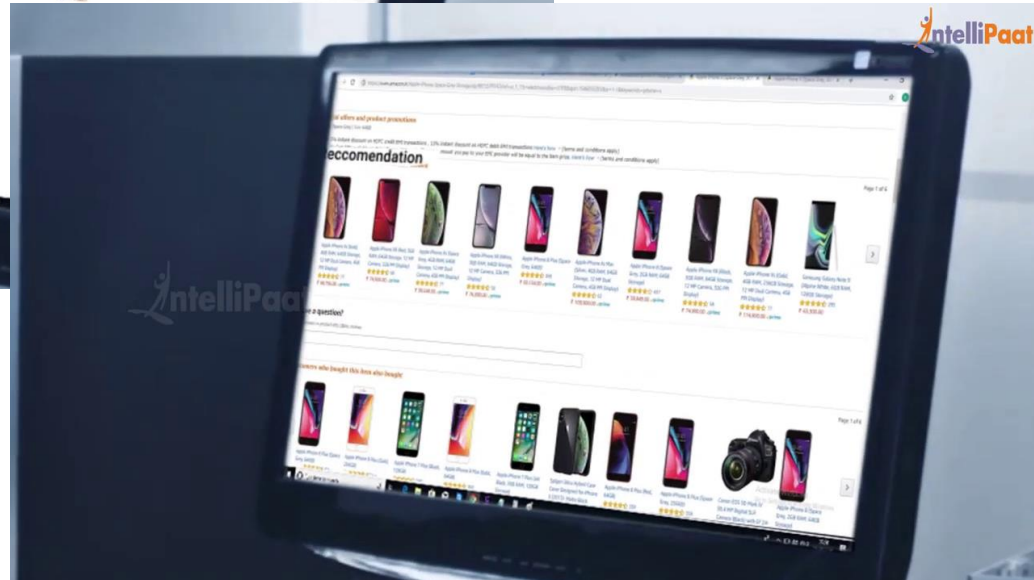
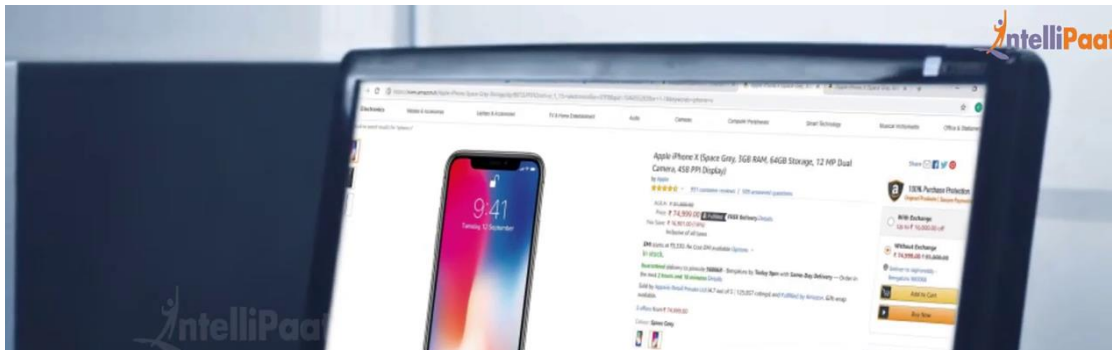
- What is machine learning (ML) in layman's term?
- Applications of ML
- Different kinds of machine learning (ML)?



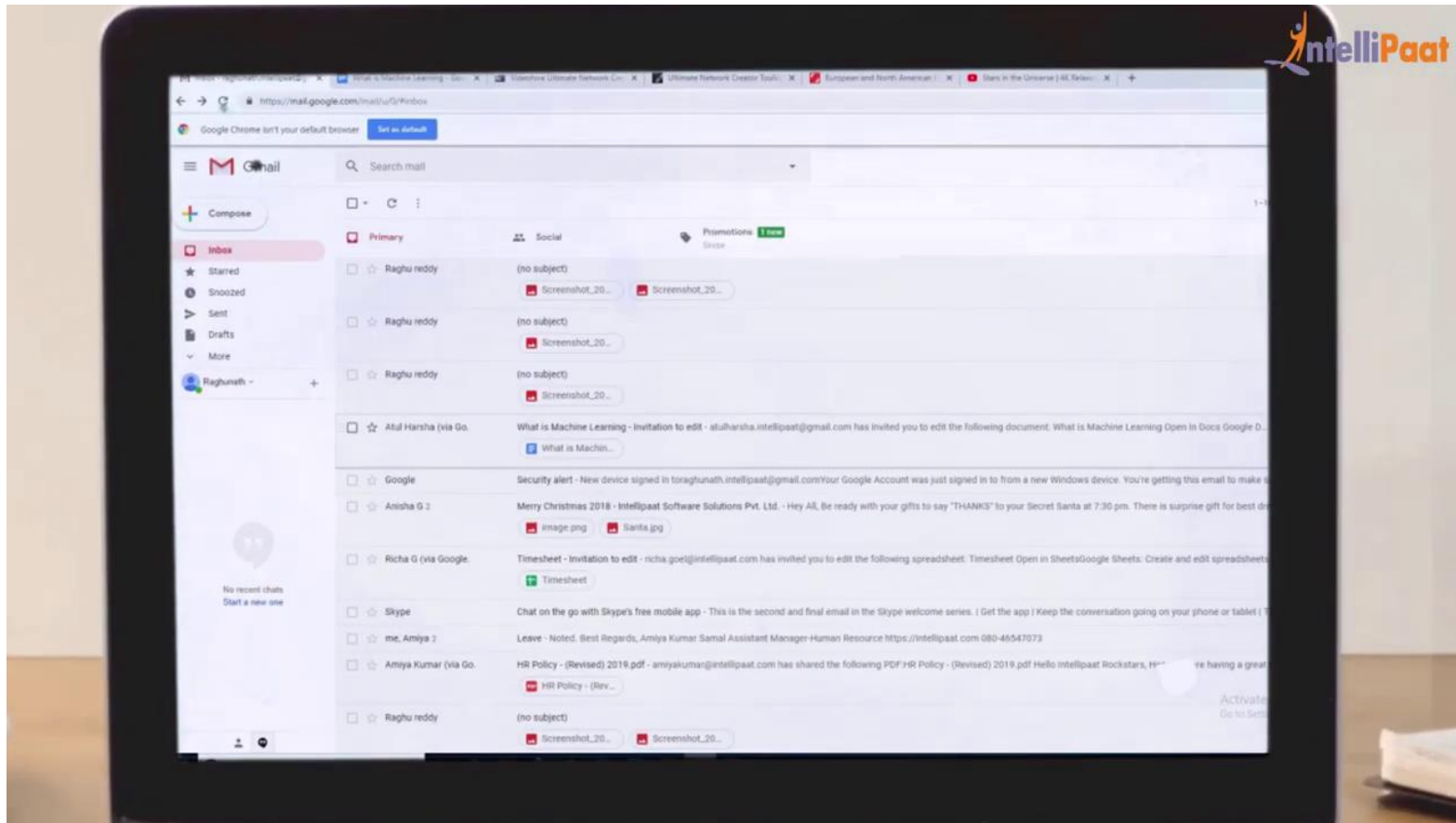
OBJECT TRACKING



ONLINE PRODUCT RECOMMENDATION



AUTOMATIC GMAIL SEGREGATION



NETFLIX MOVIE RECOMMENDATION

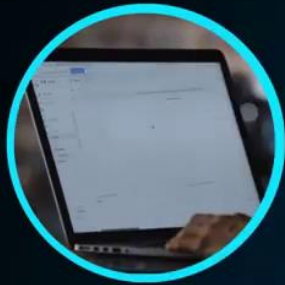


GOOGLE MAP ROUTE GUIDE/ASSISTANT





Applications of Machine Learning



What is Machine Learning ?



A white humanoid robot is shown in profile, walking towards the right. It has a sleek, futuristic design with black joints and a black visor.

Its Not Just About **ROBOTS**



**Artificial
Intelligence**

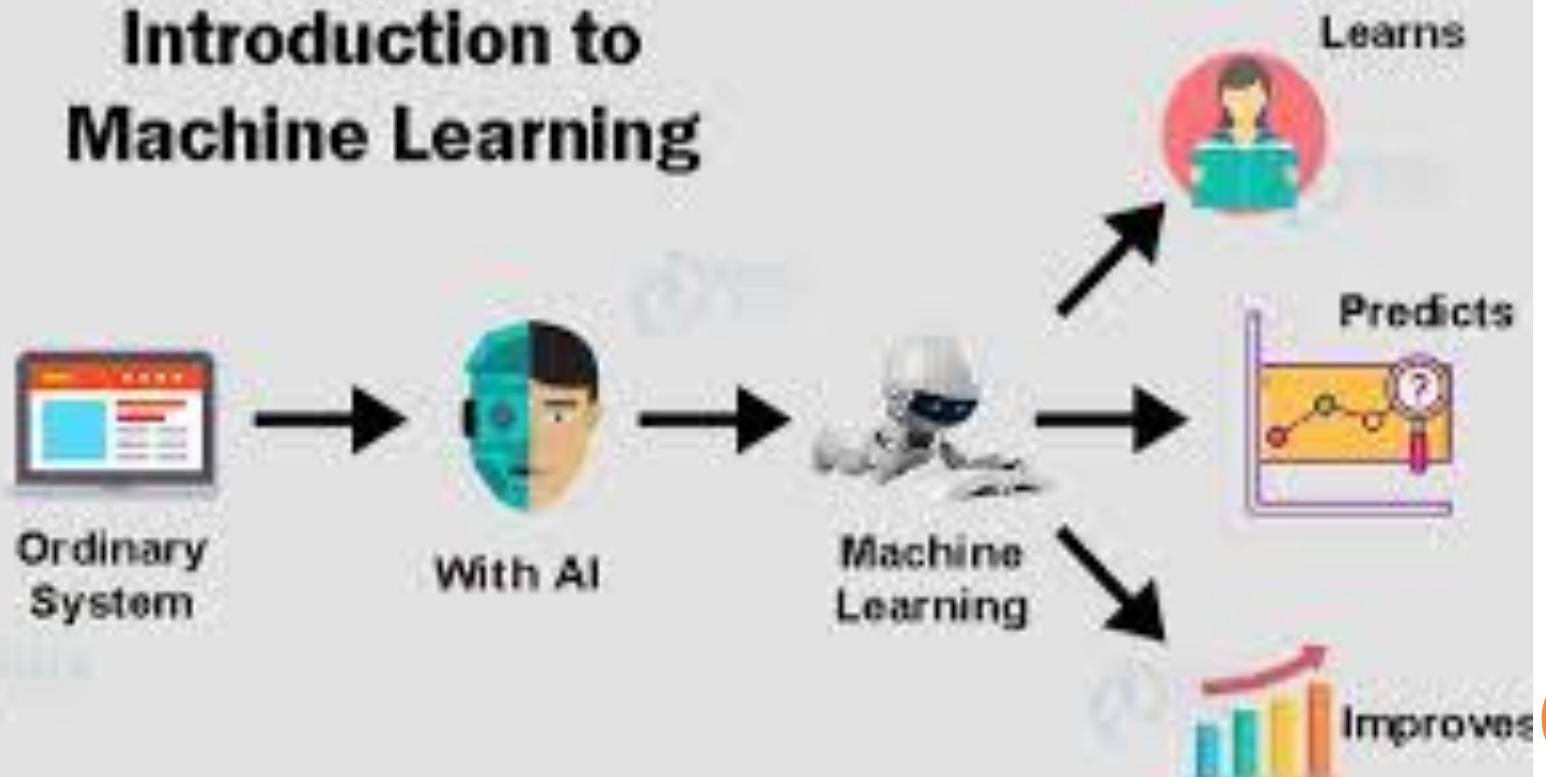
Sub Branch

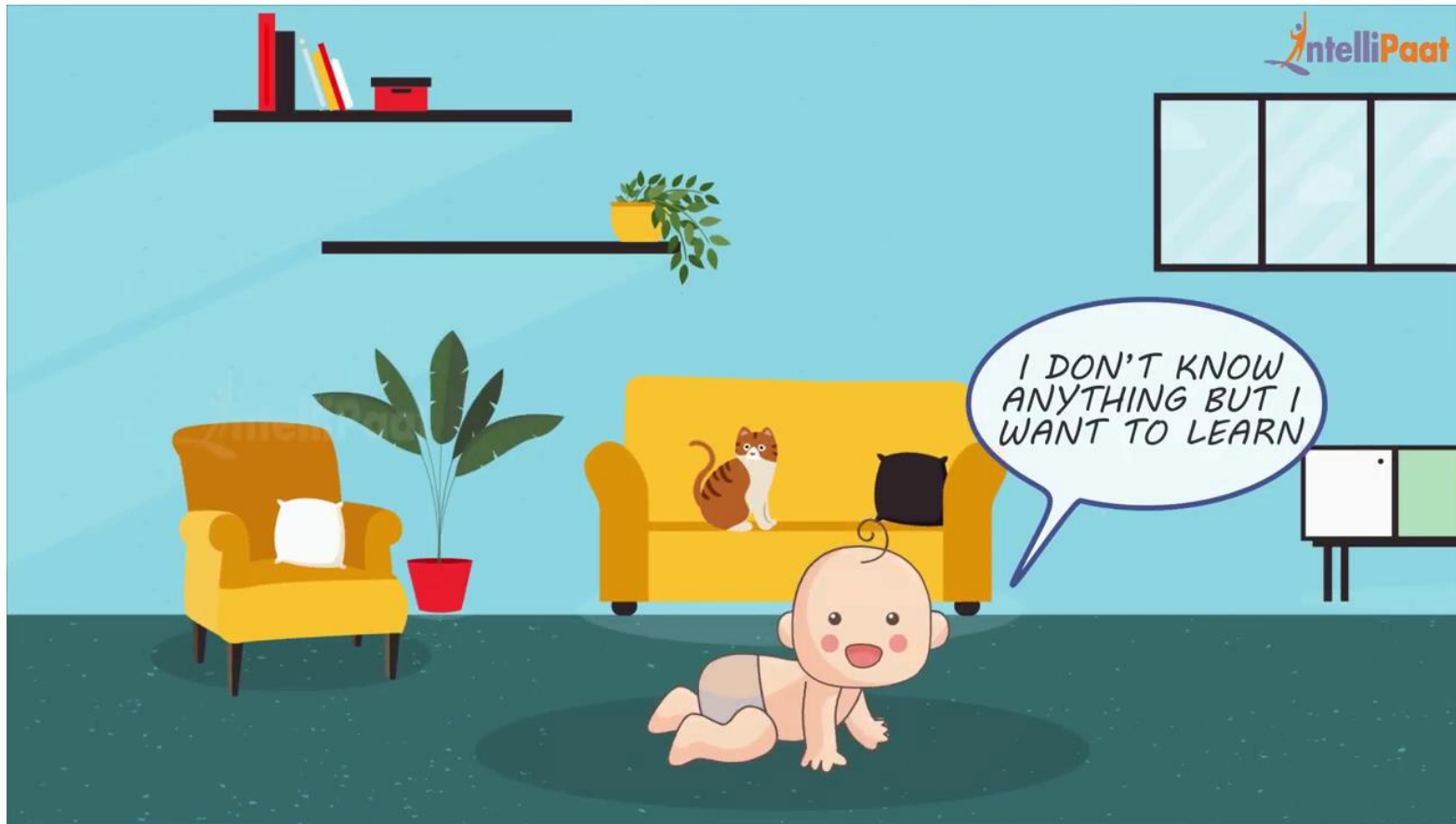
**Machine
Learning**

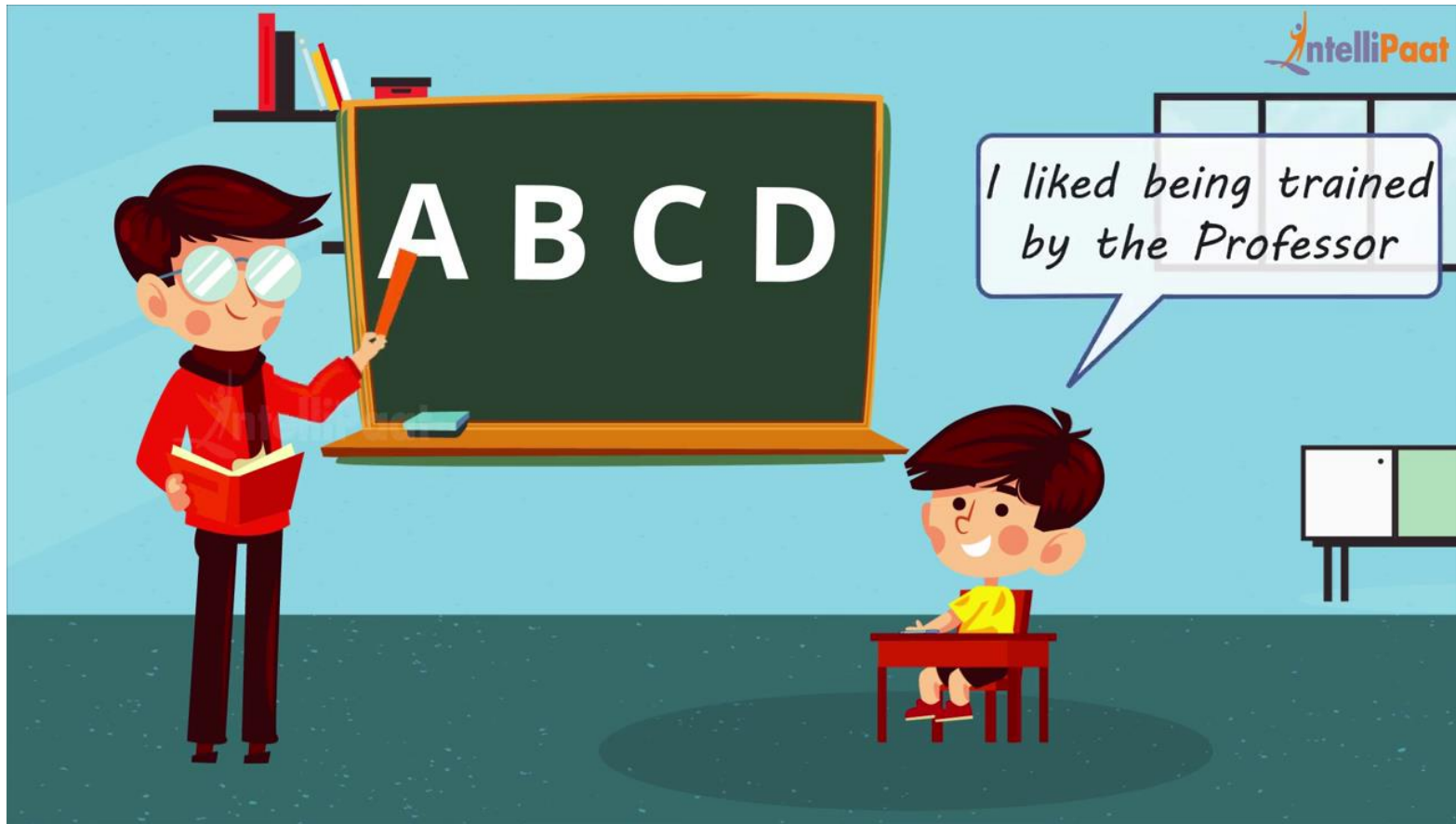


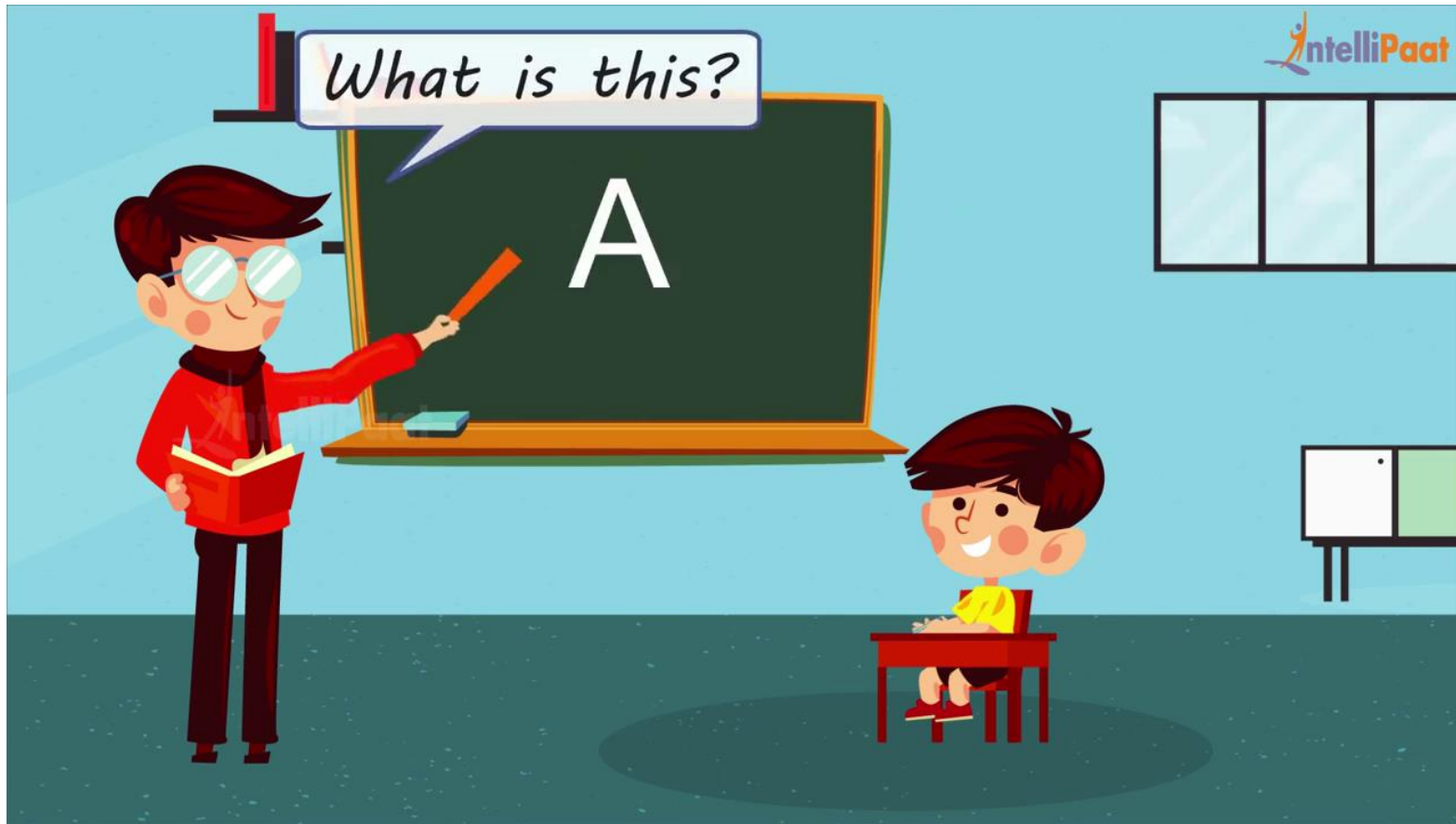


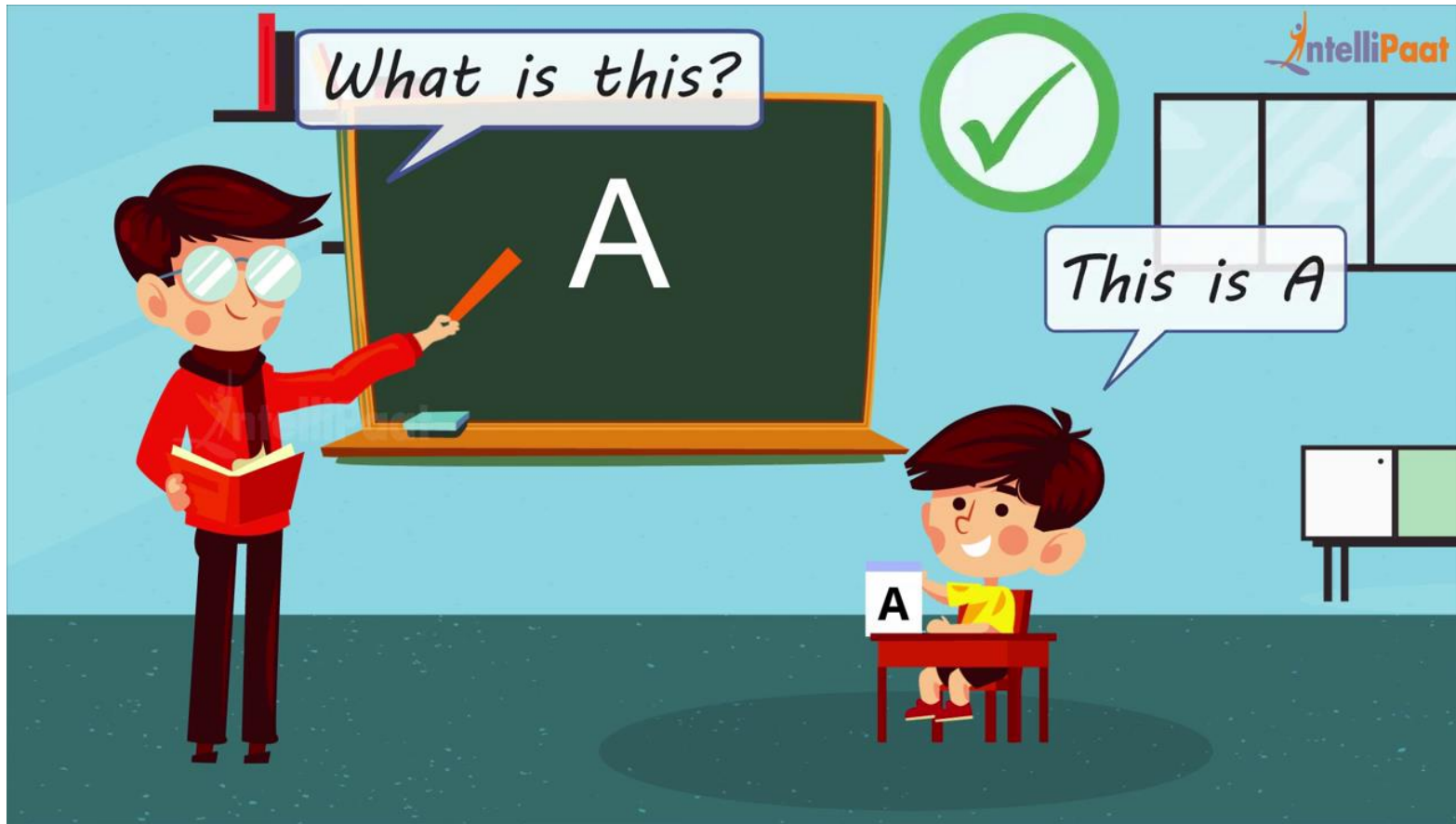
Introduction to Machine Learning

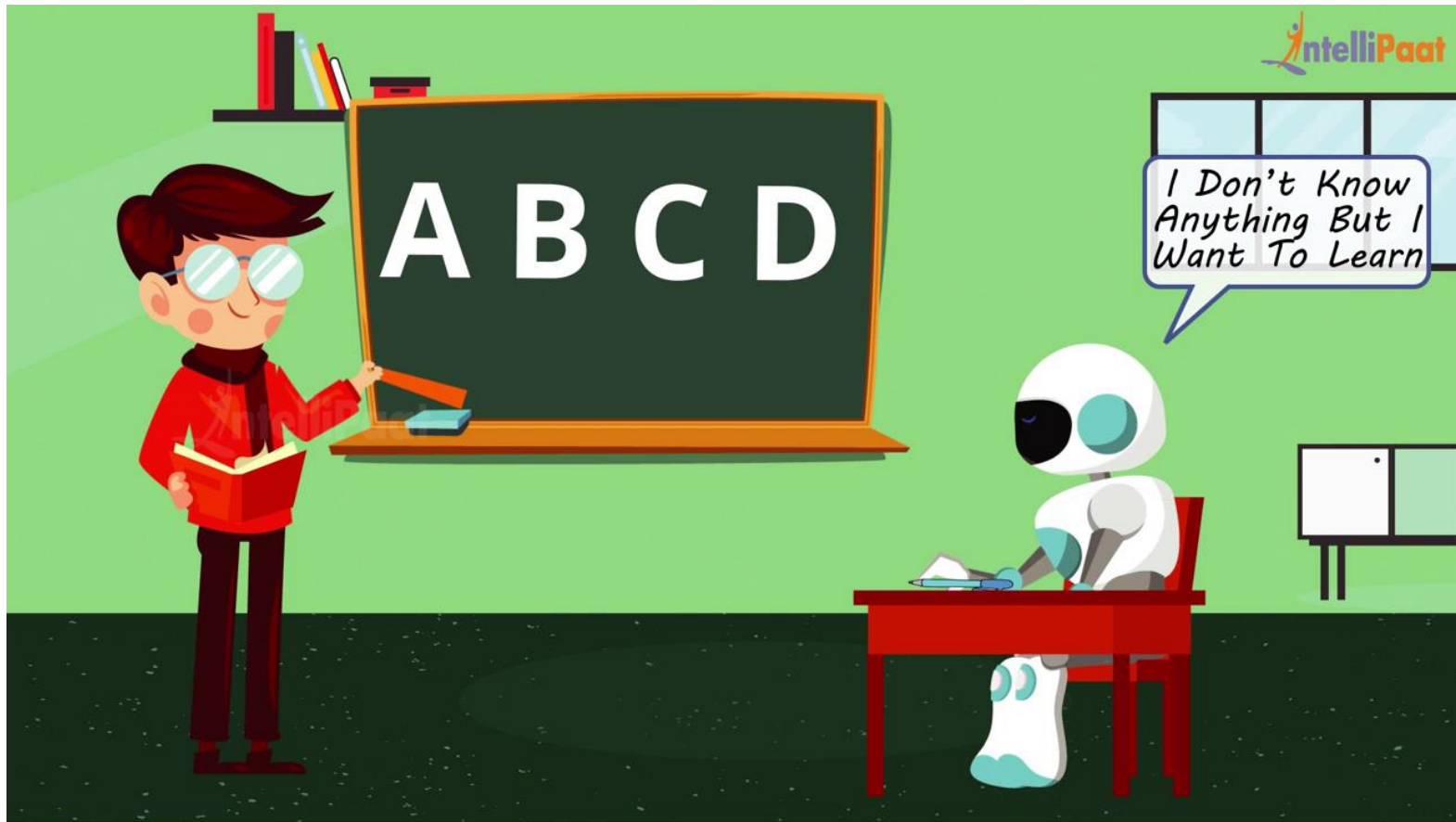


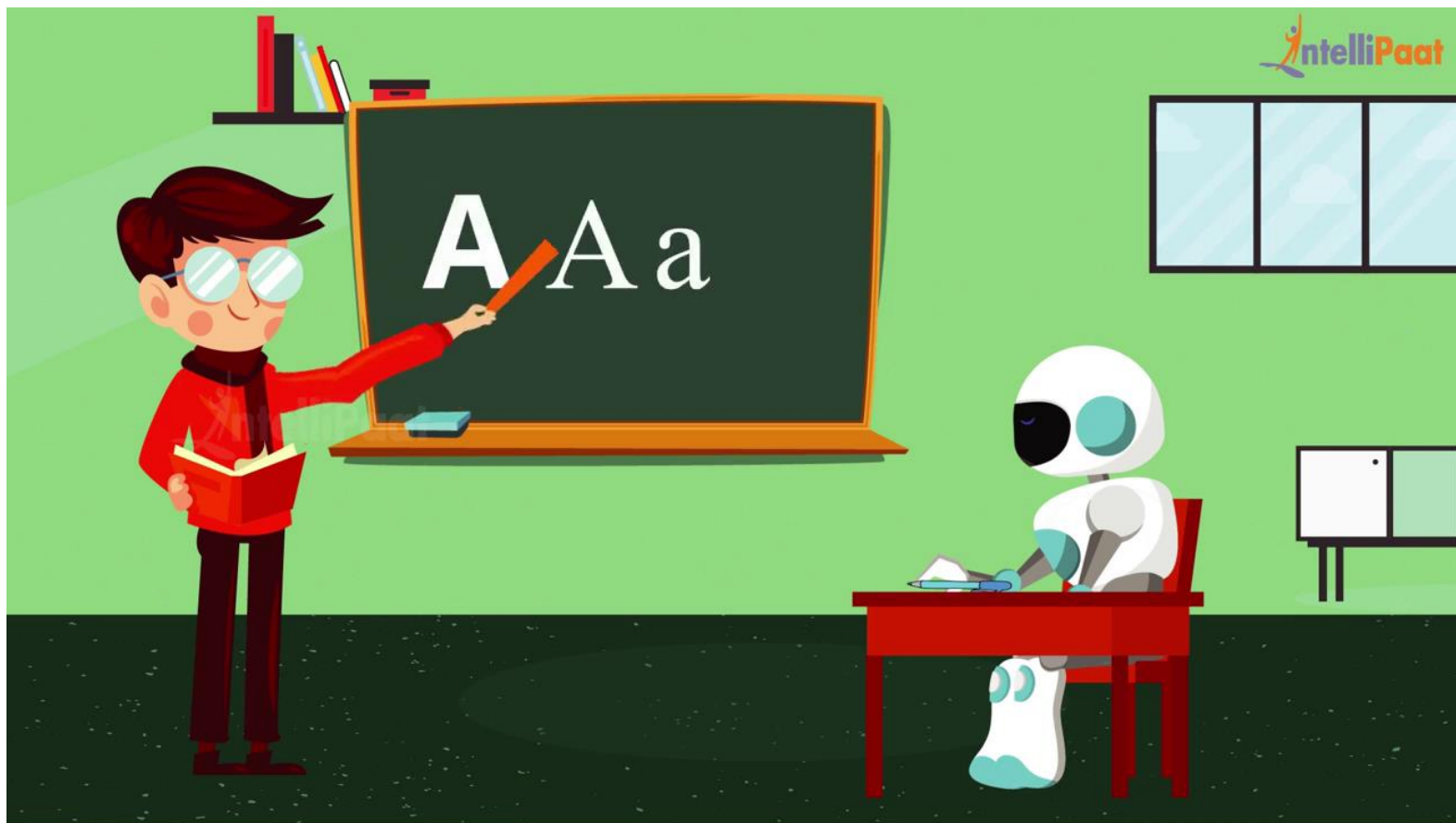


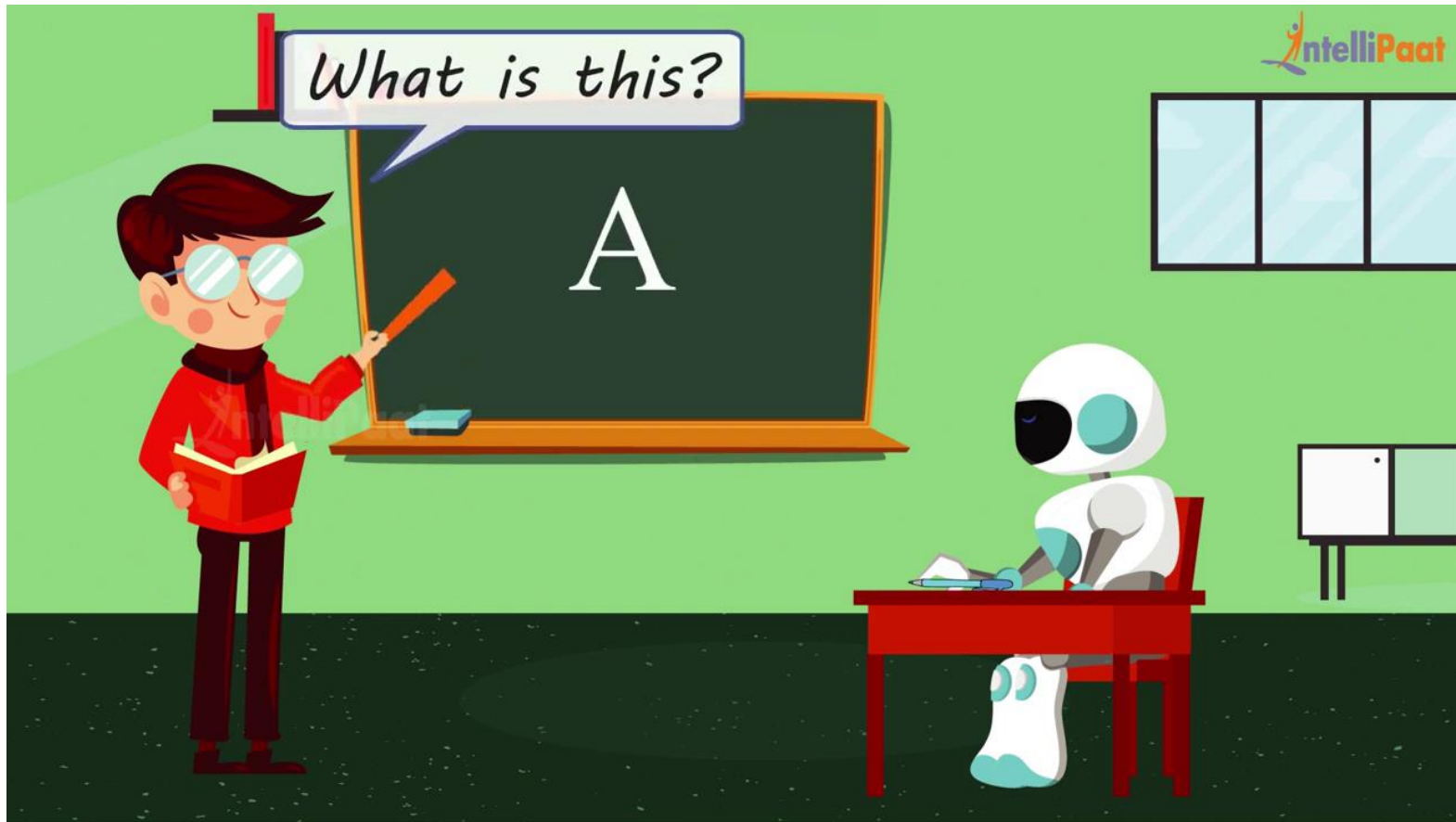


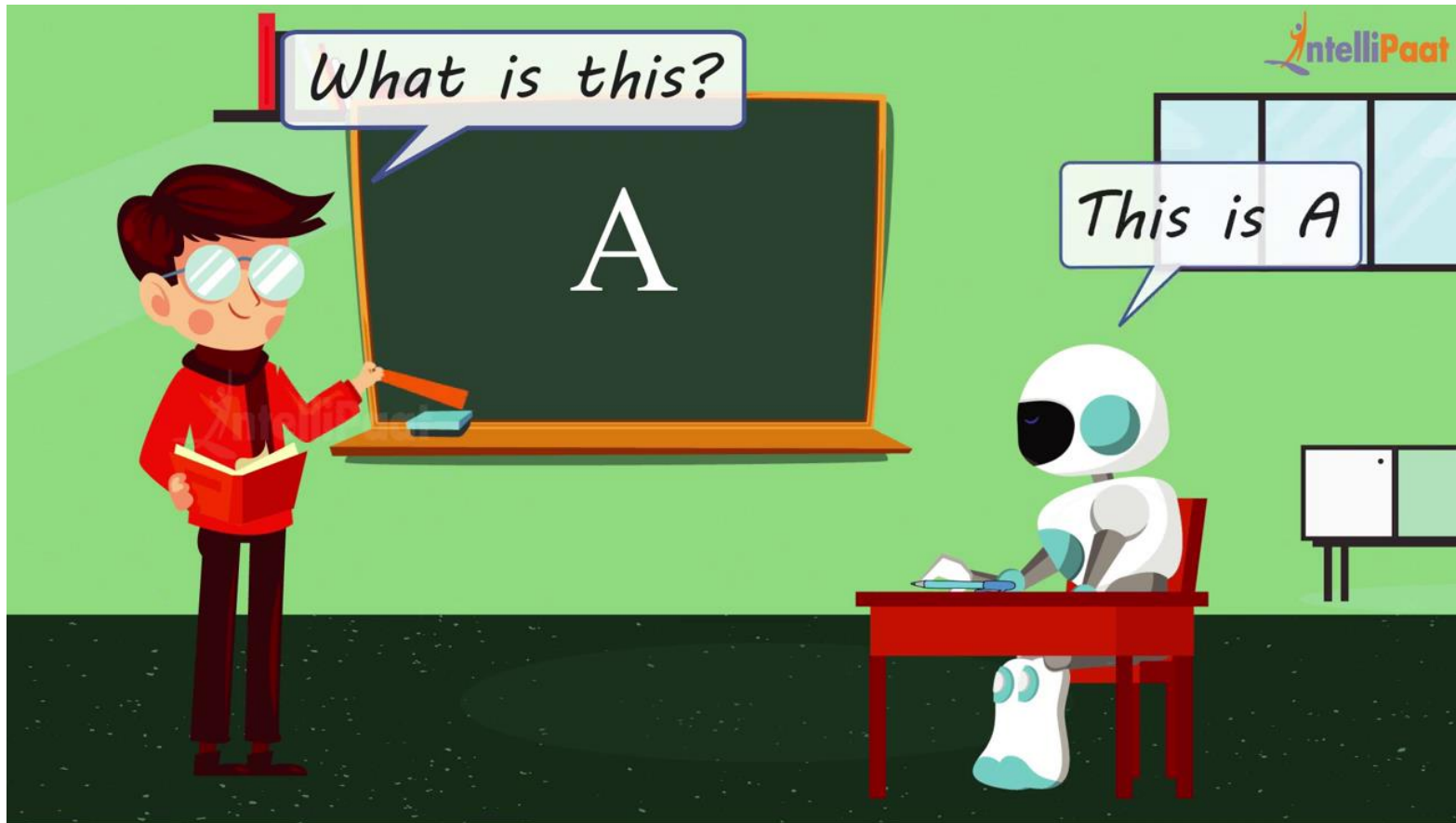


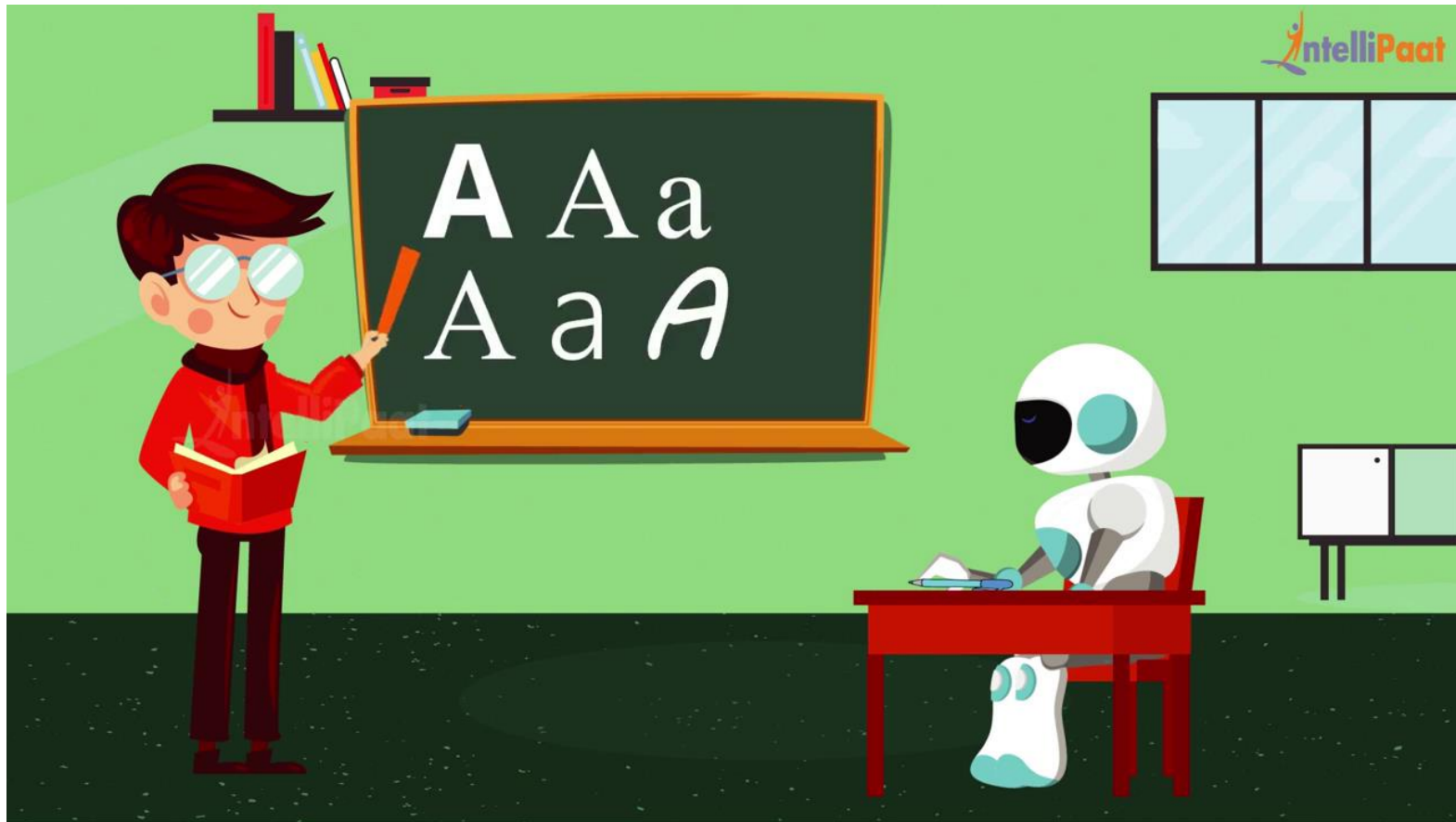














Machine Learning



IntelliPaat



Supervised
Learning

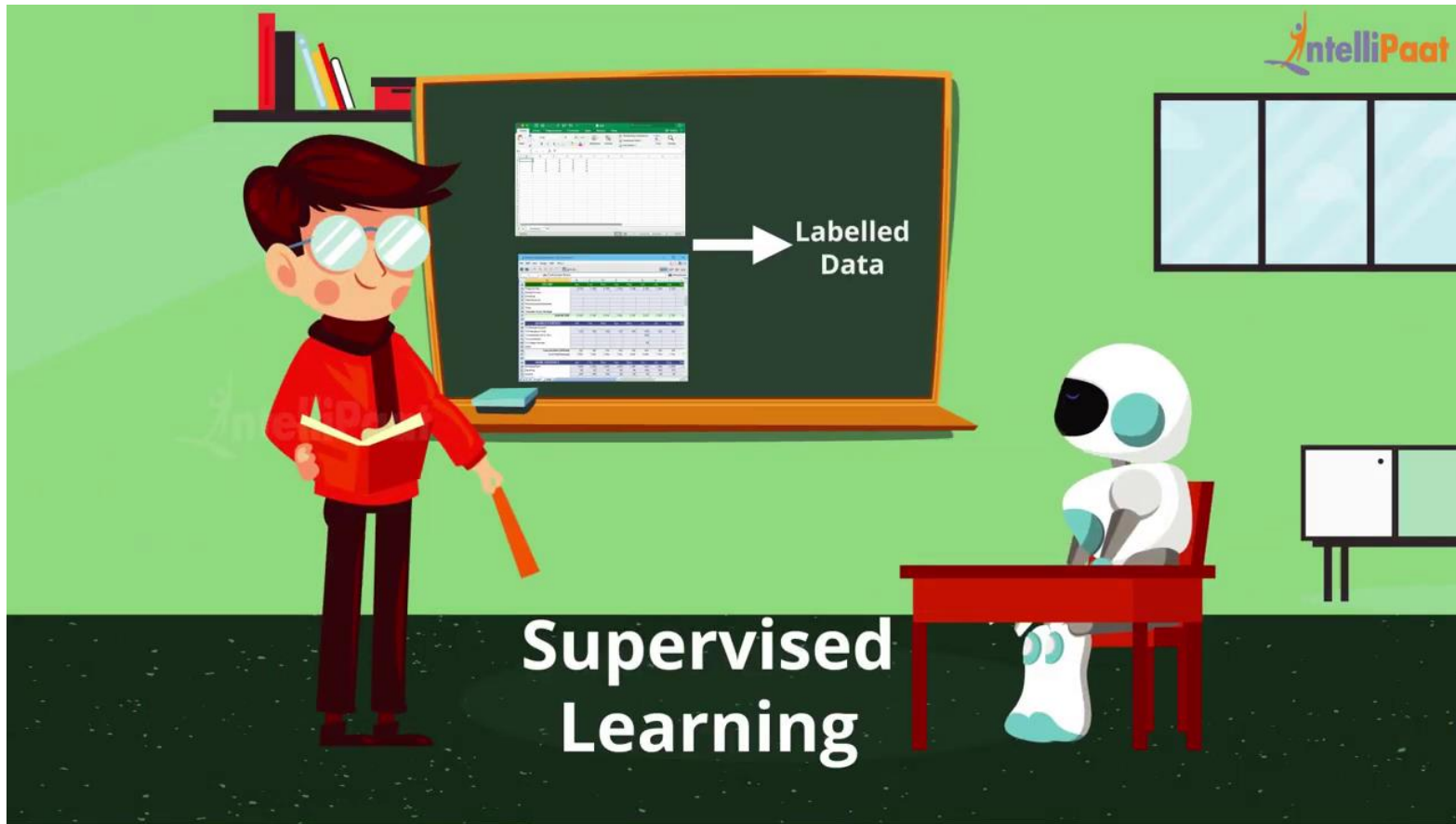


UnSupervised
Learning

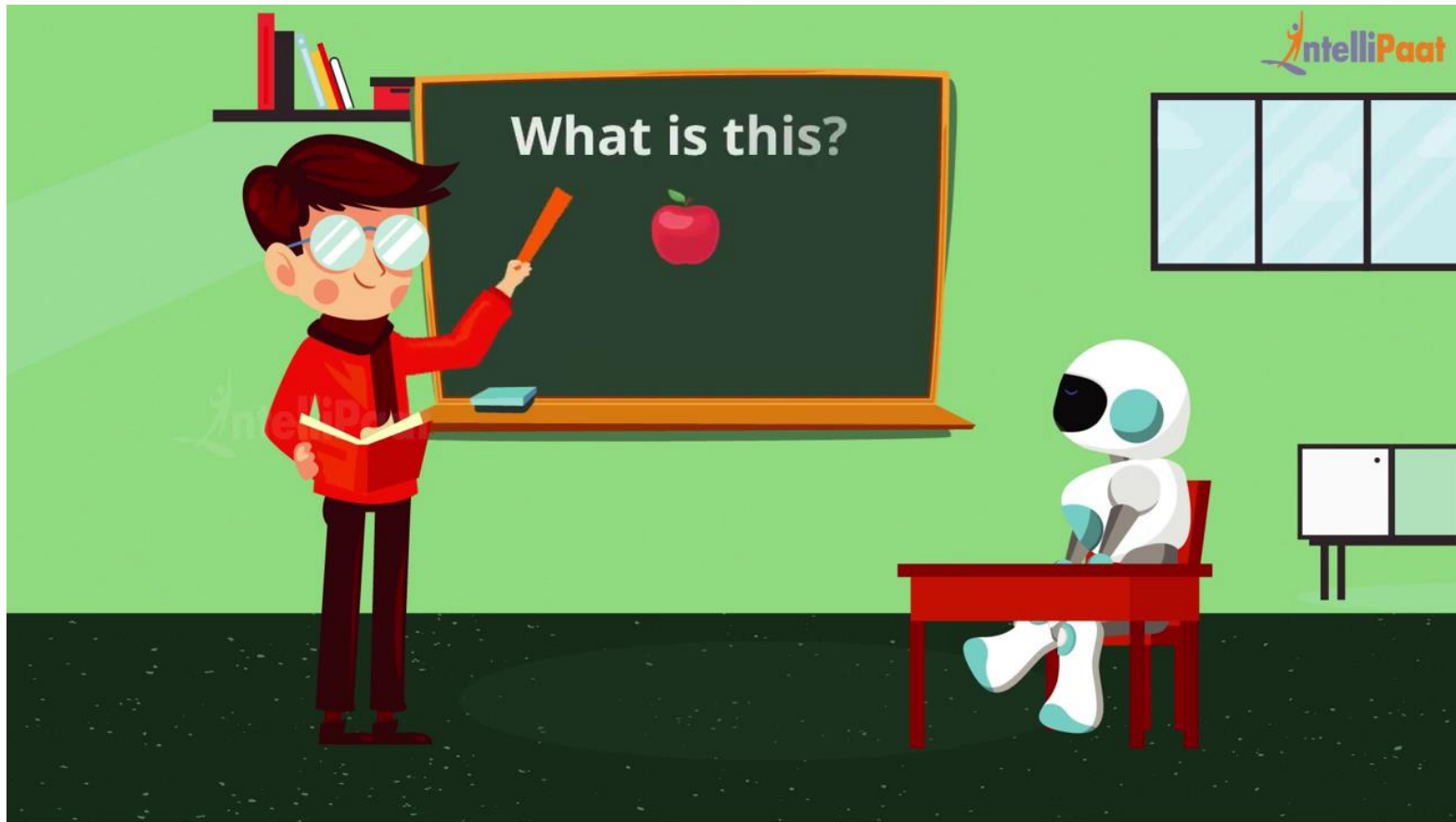


Reinforcement
Learning





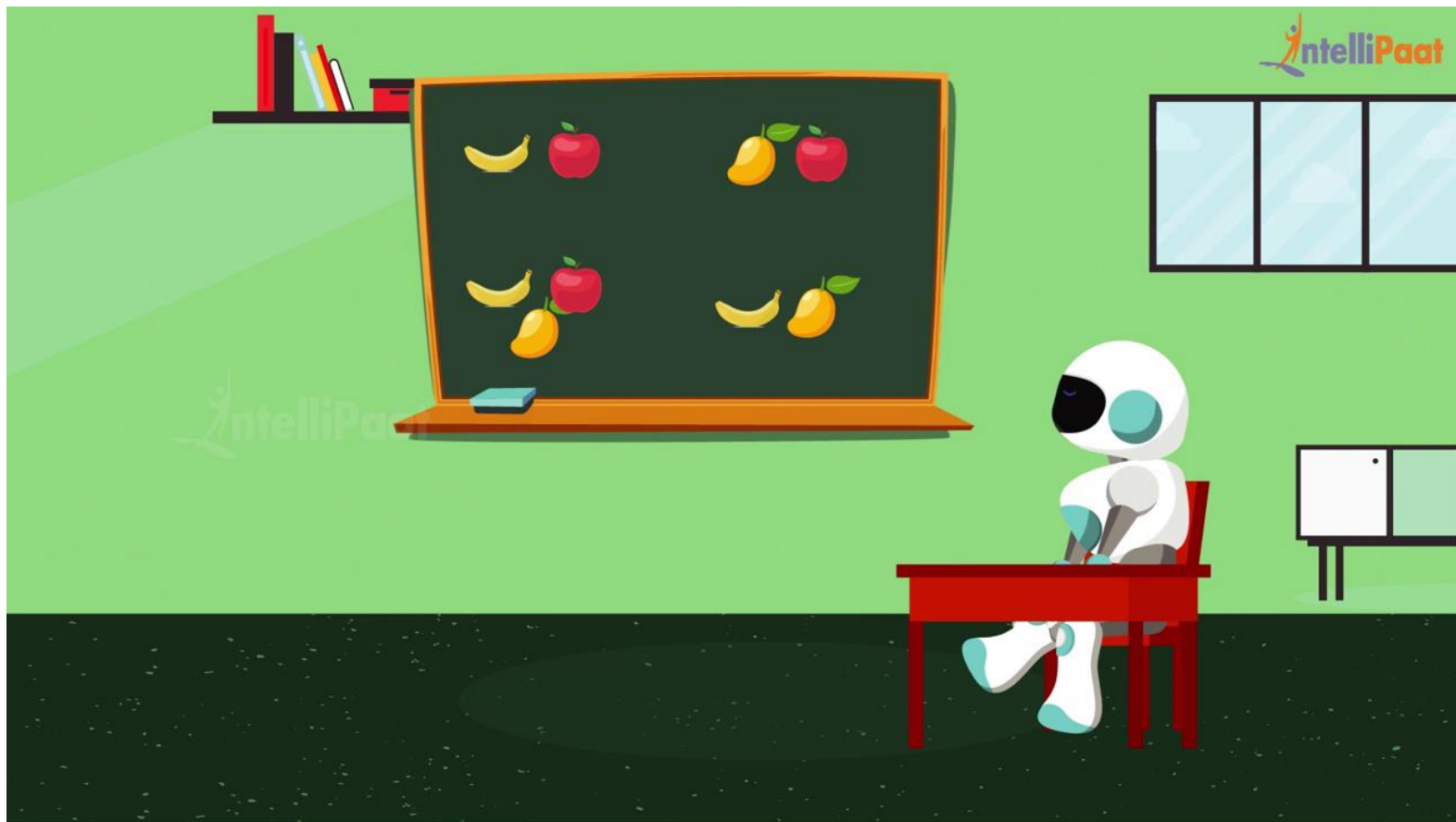


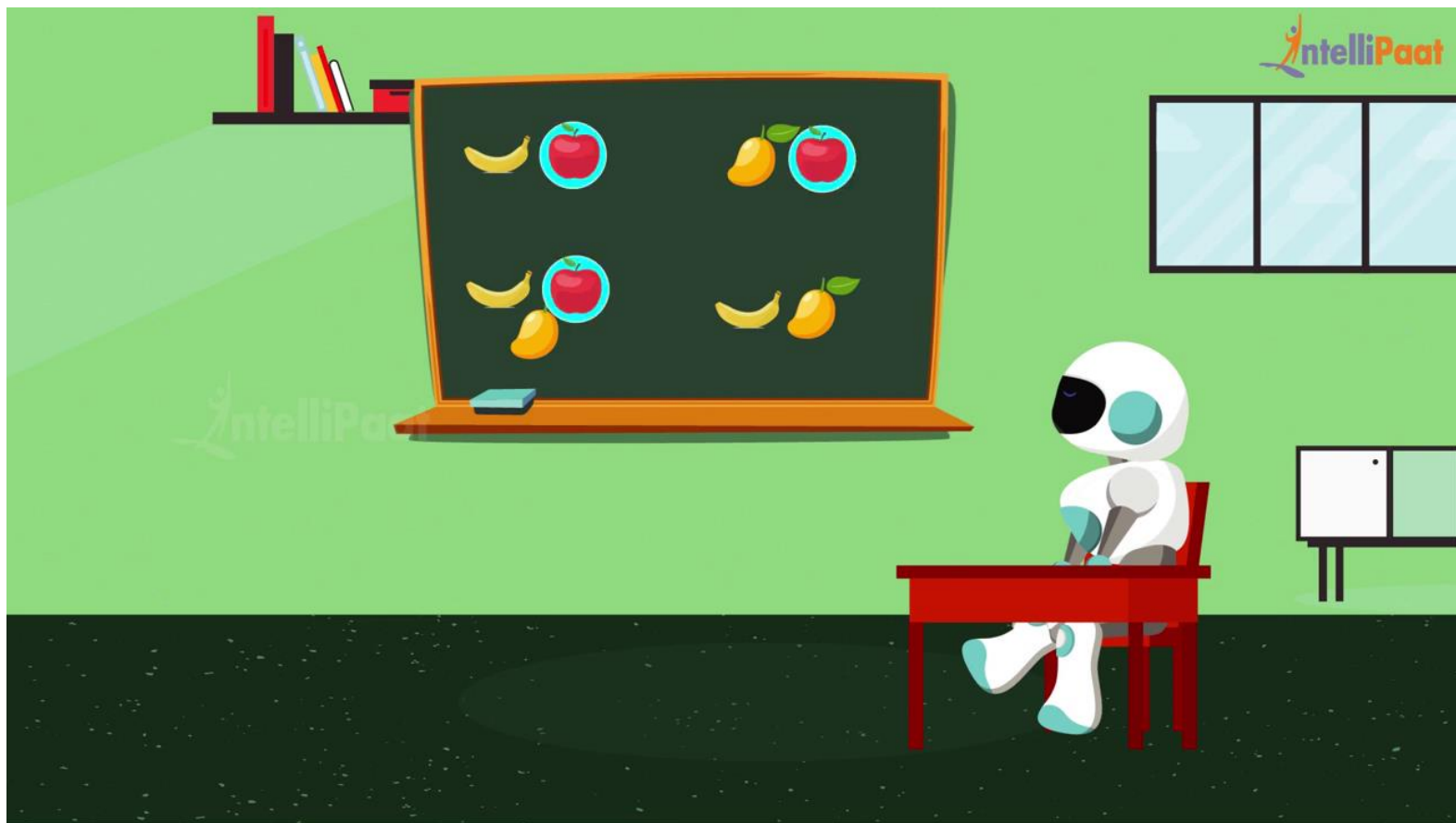


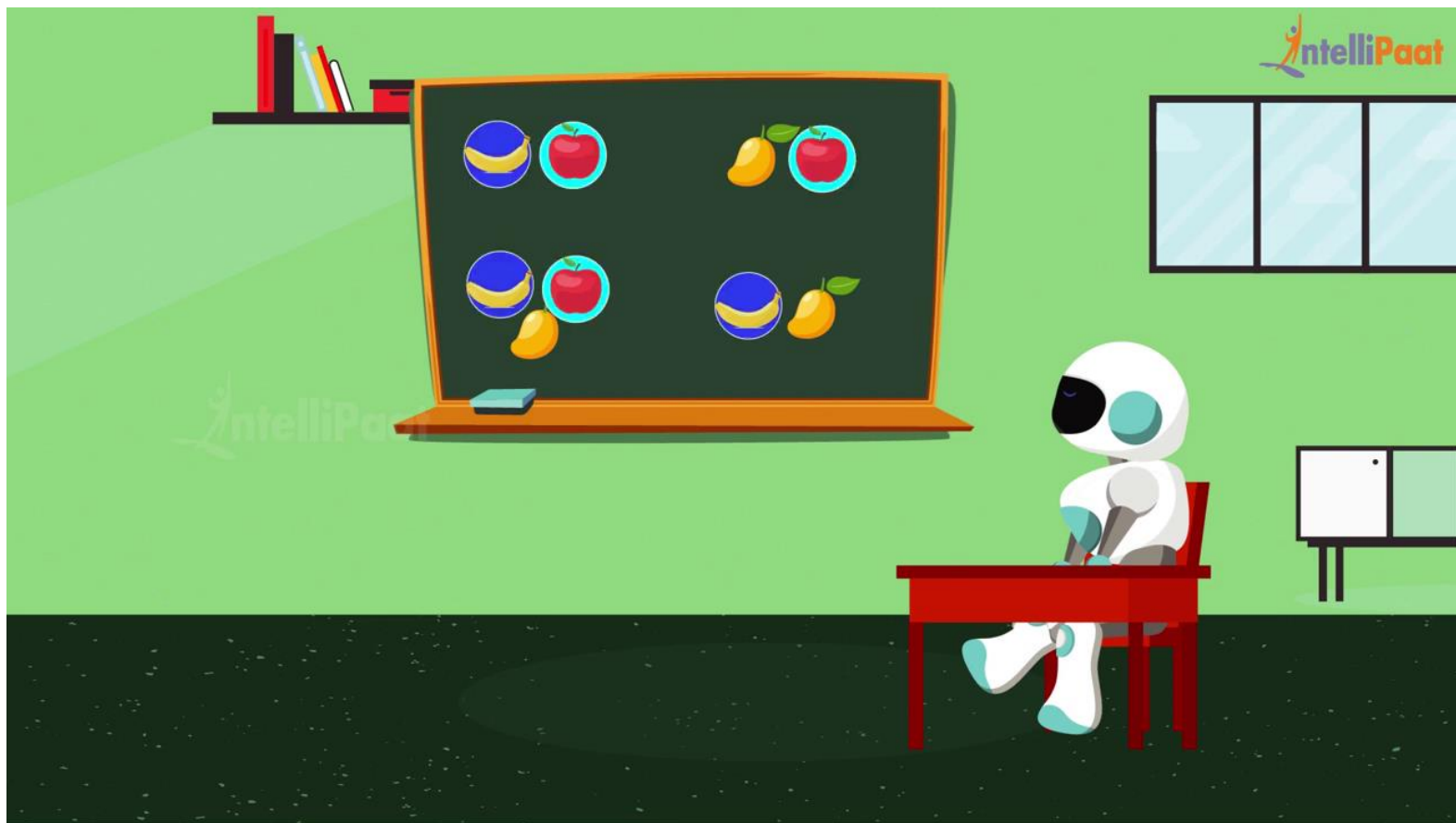


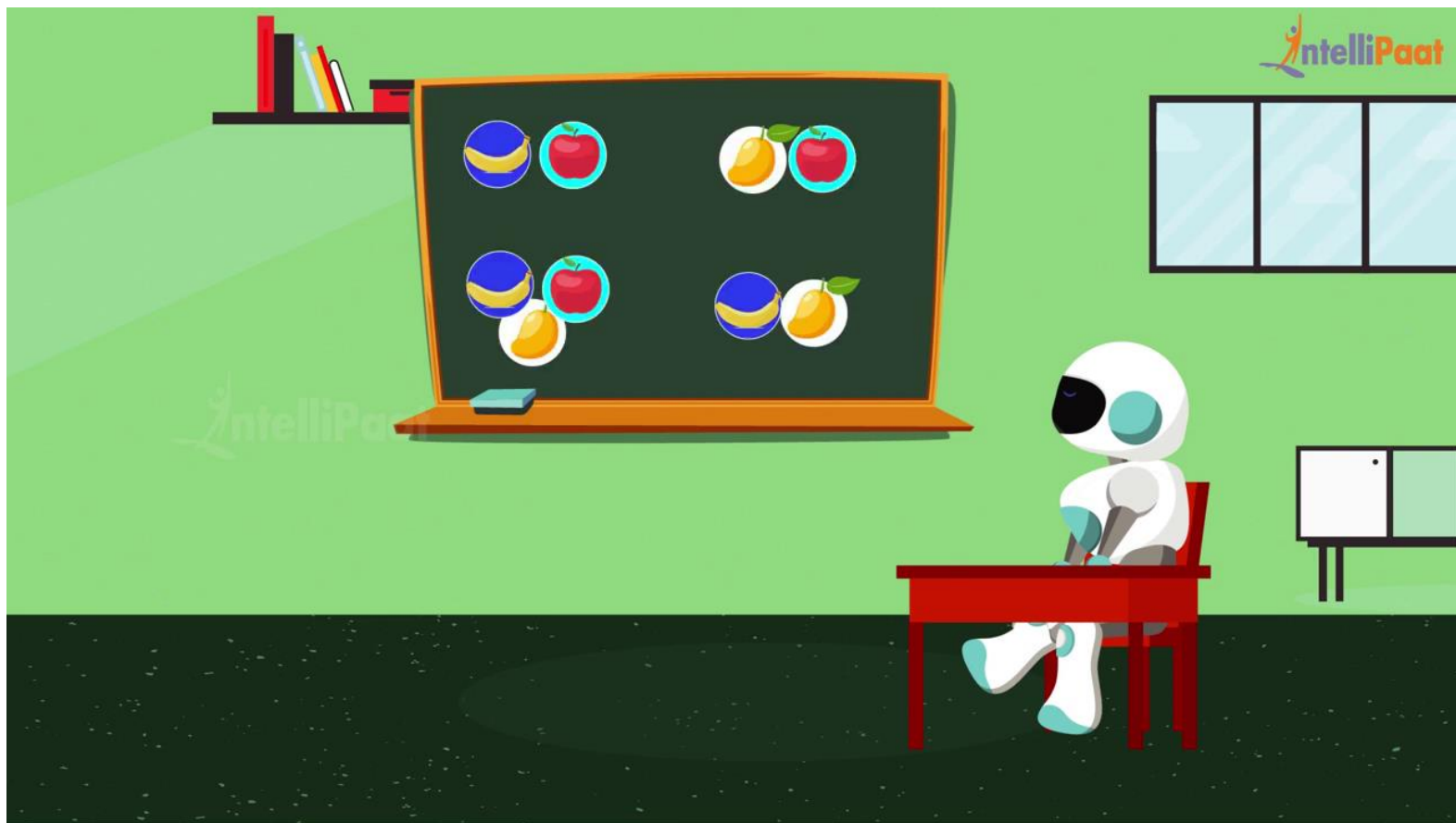


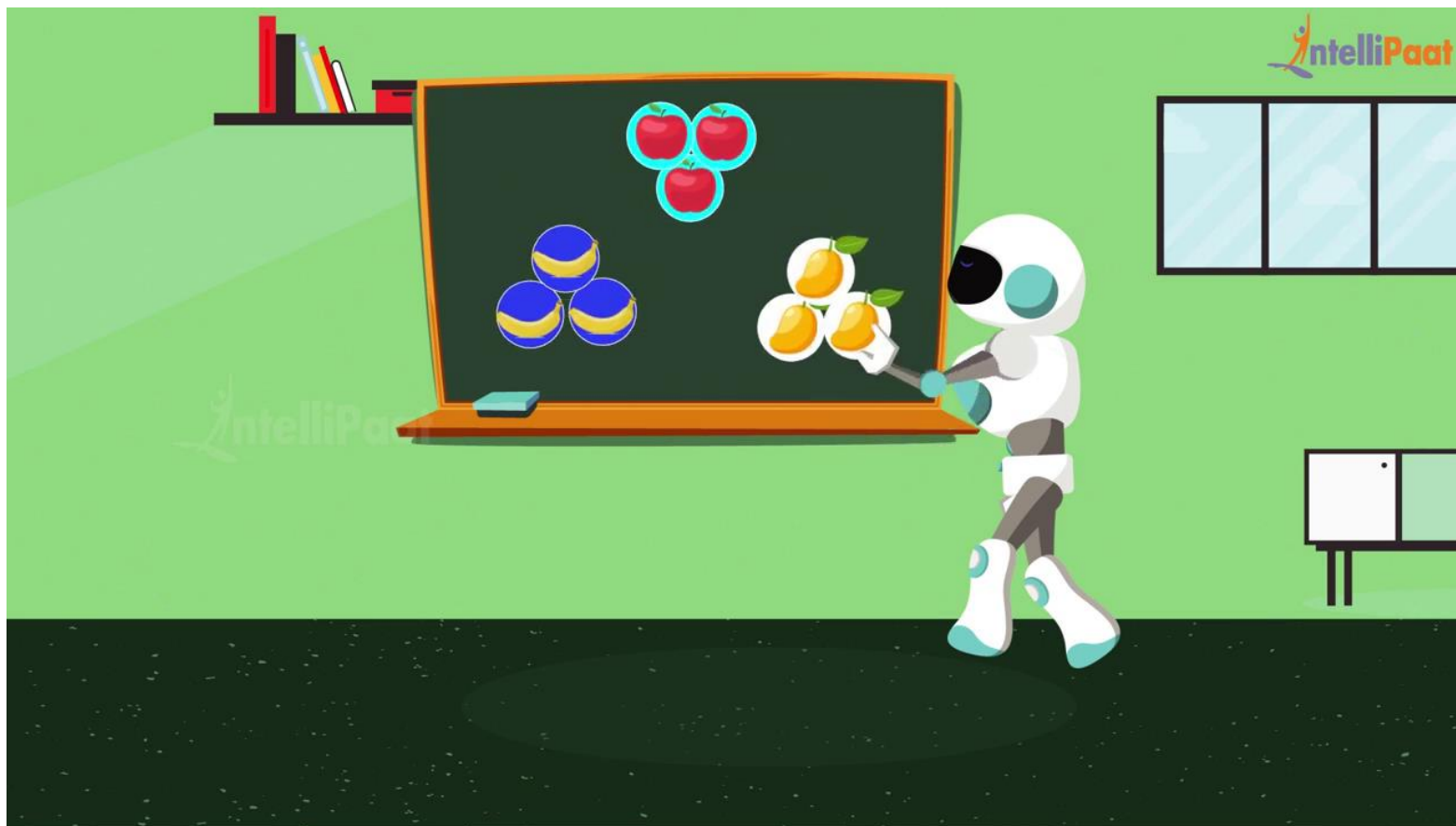


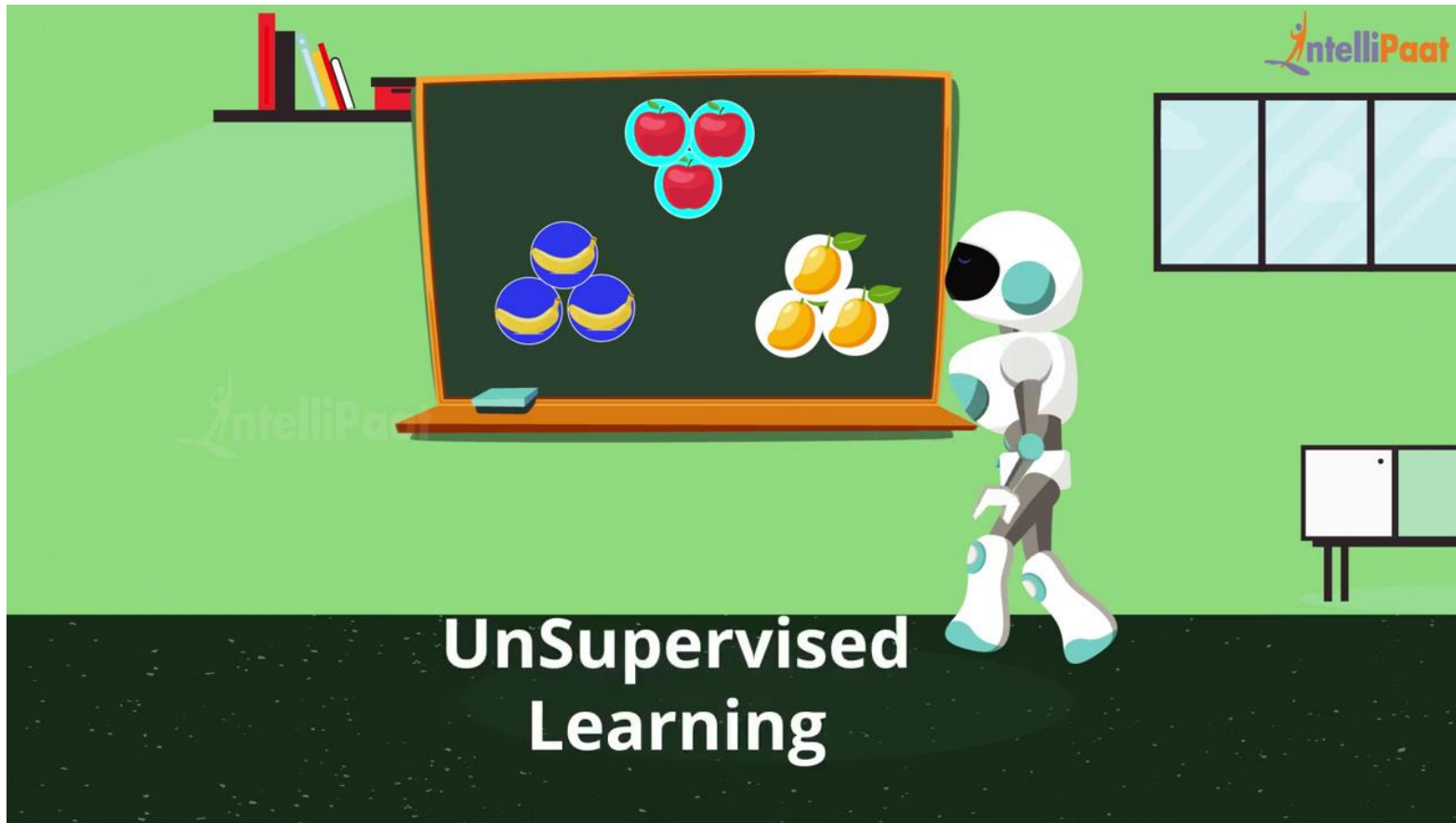


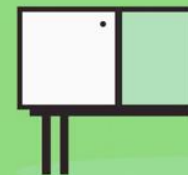






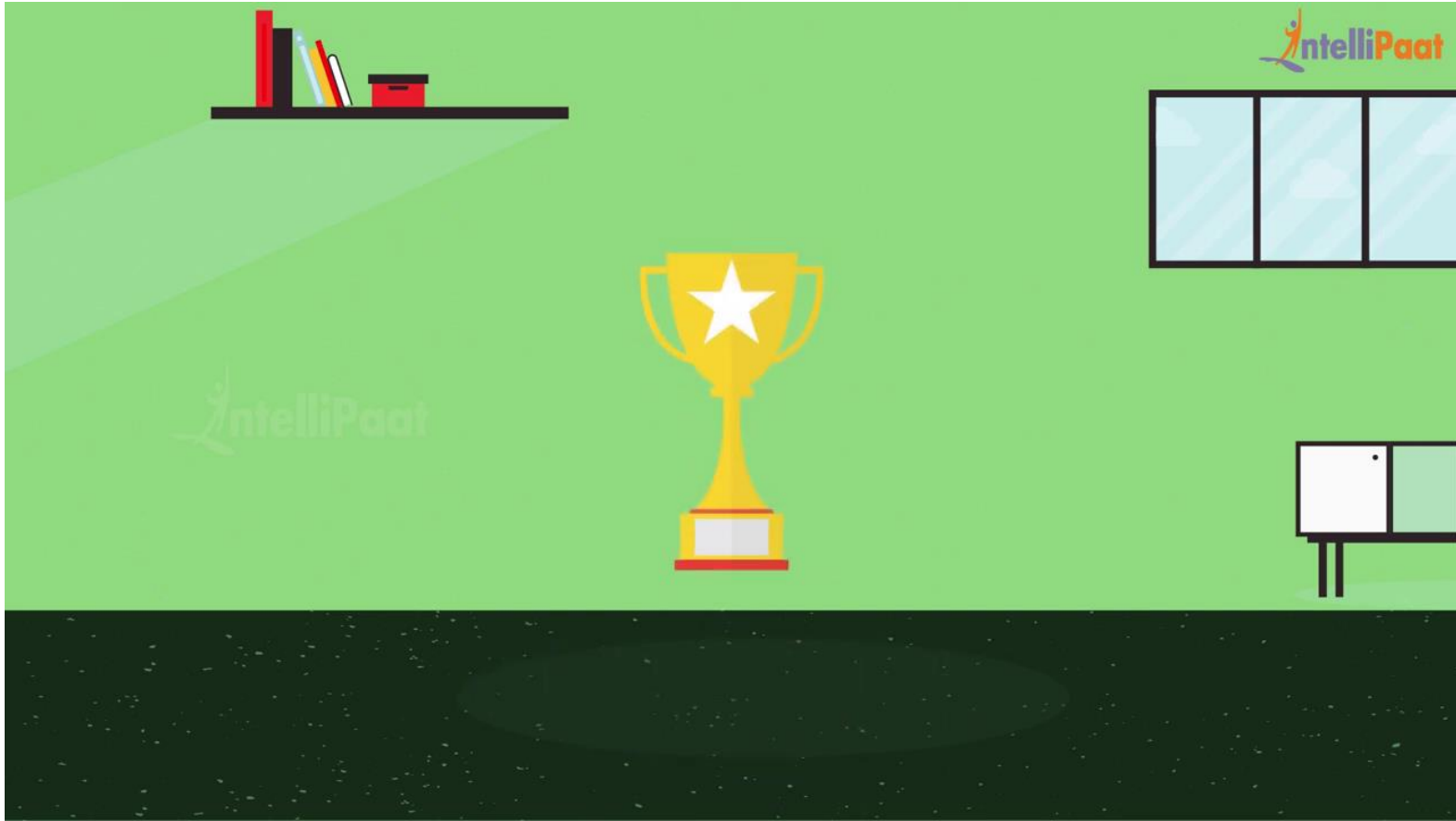


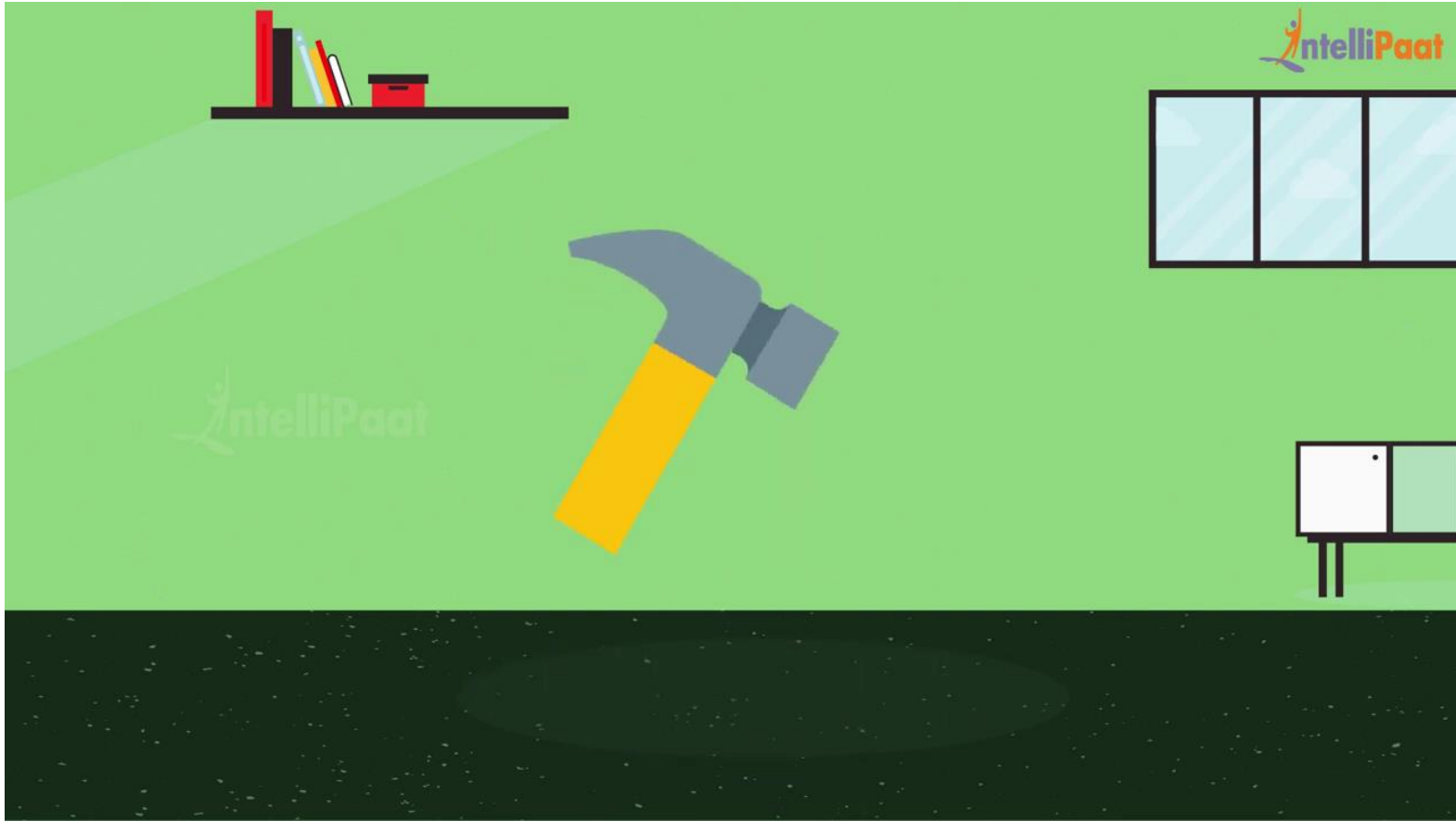


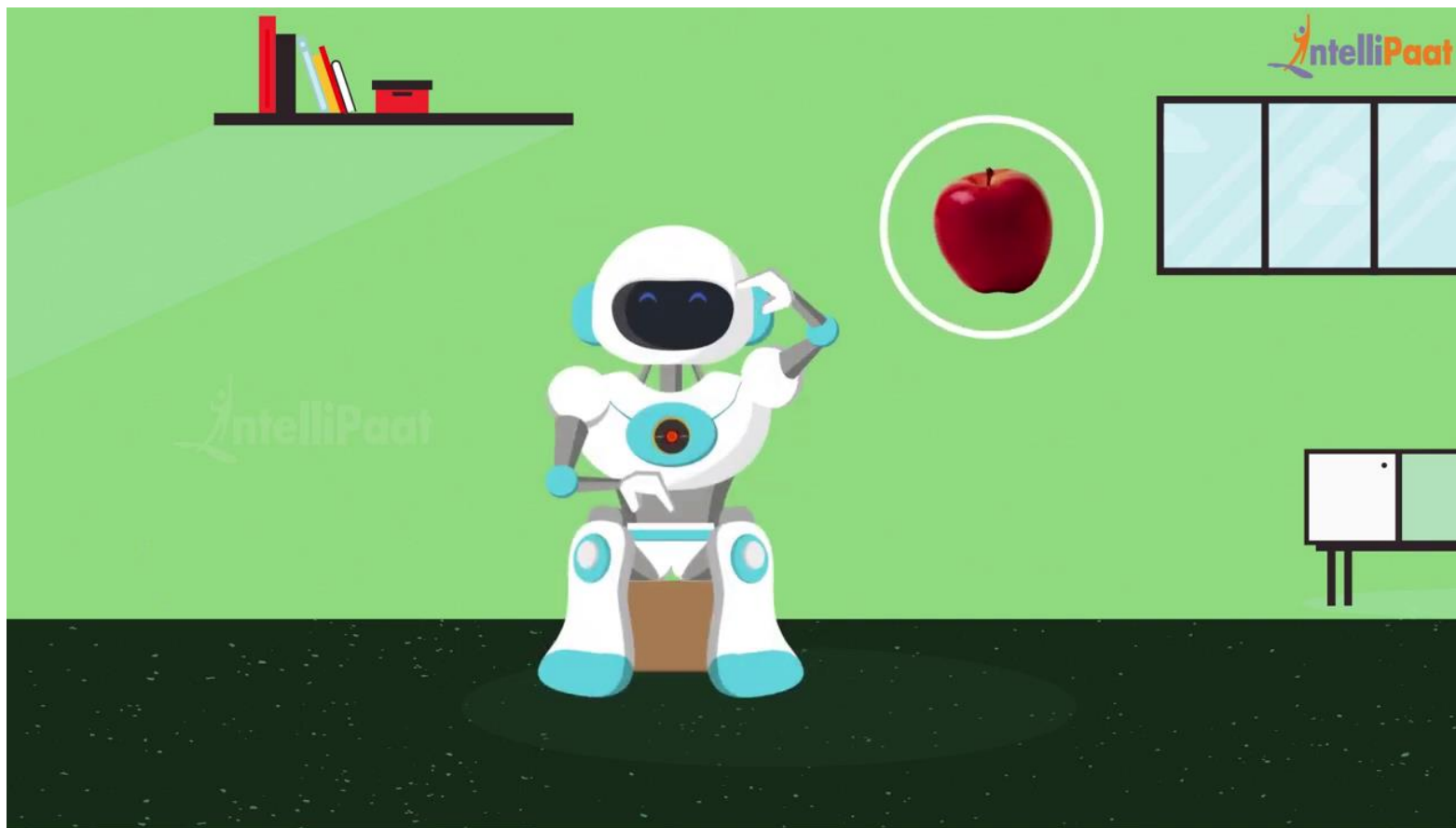


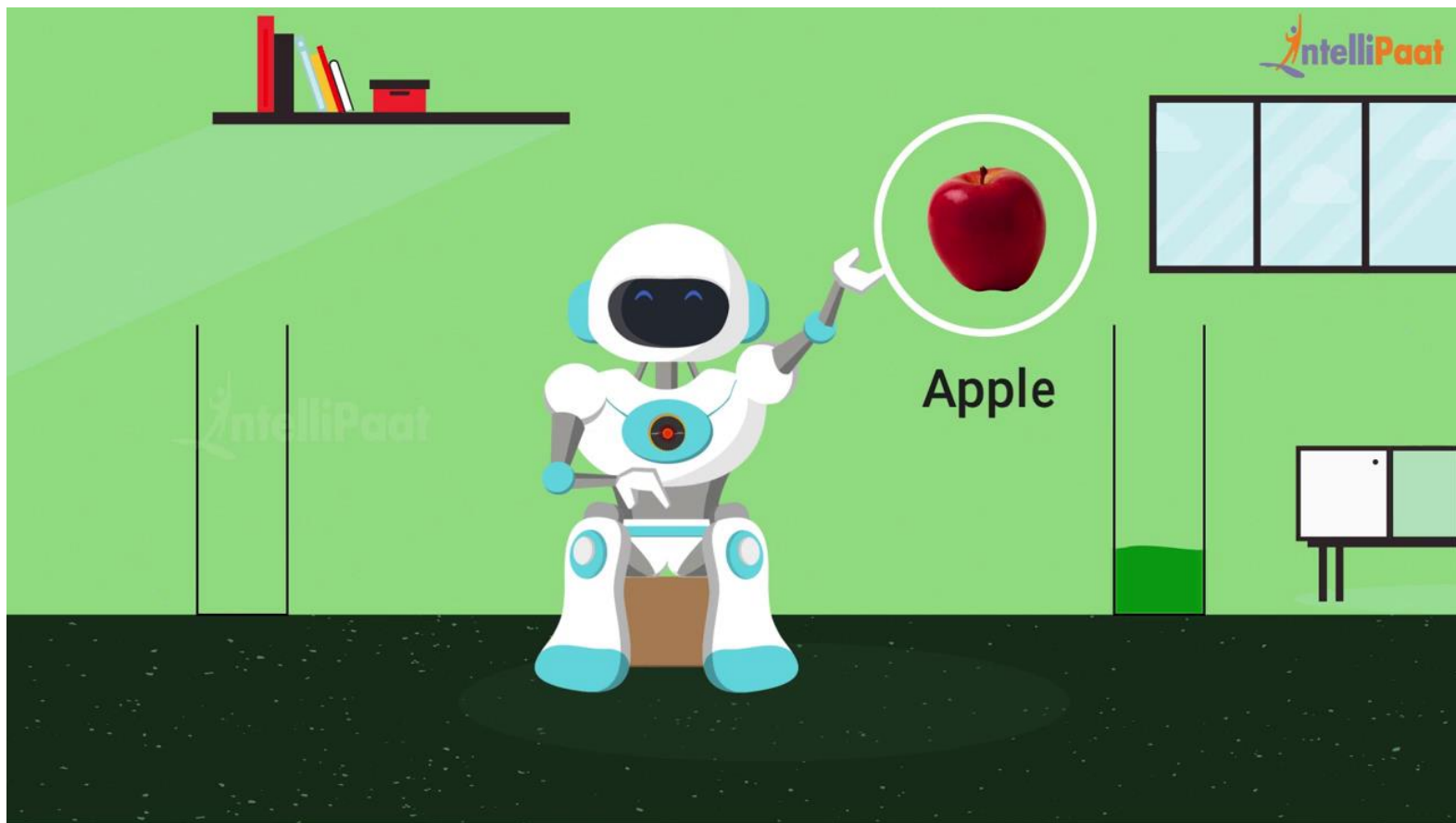
Re-Inforcement Learning

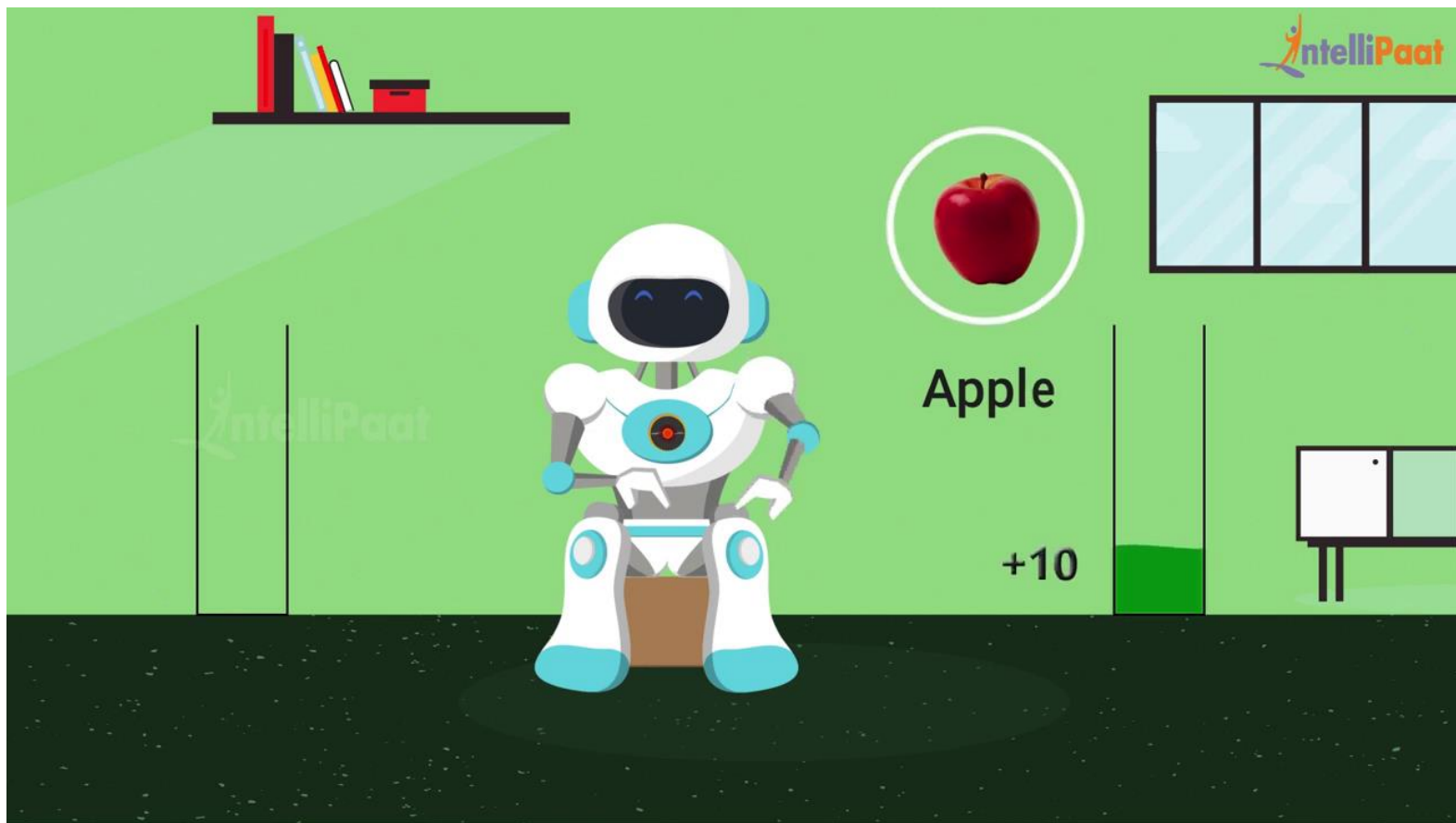


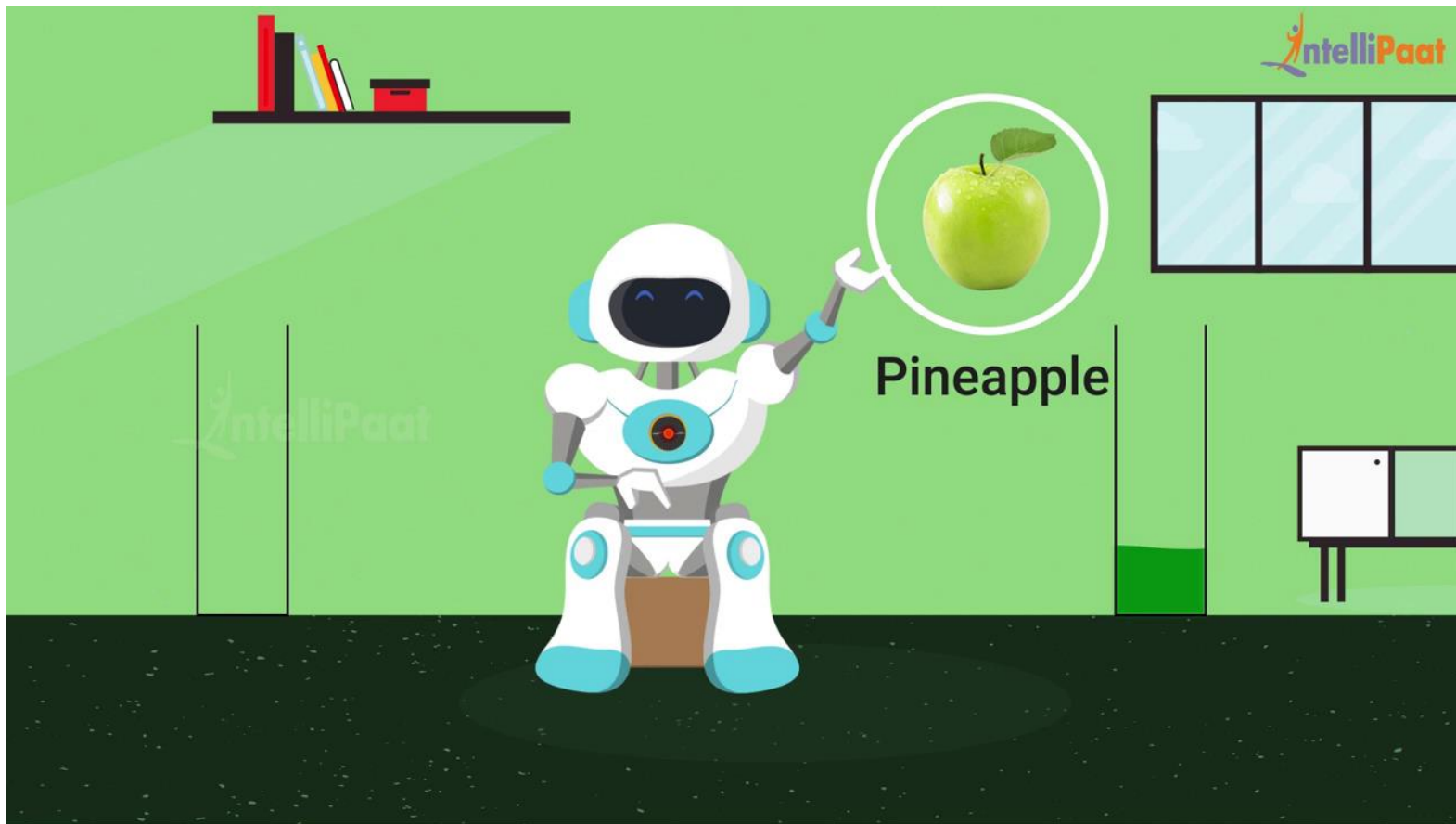


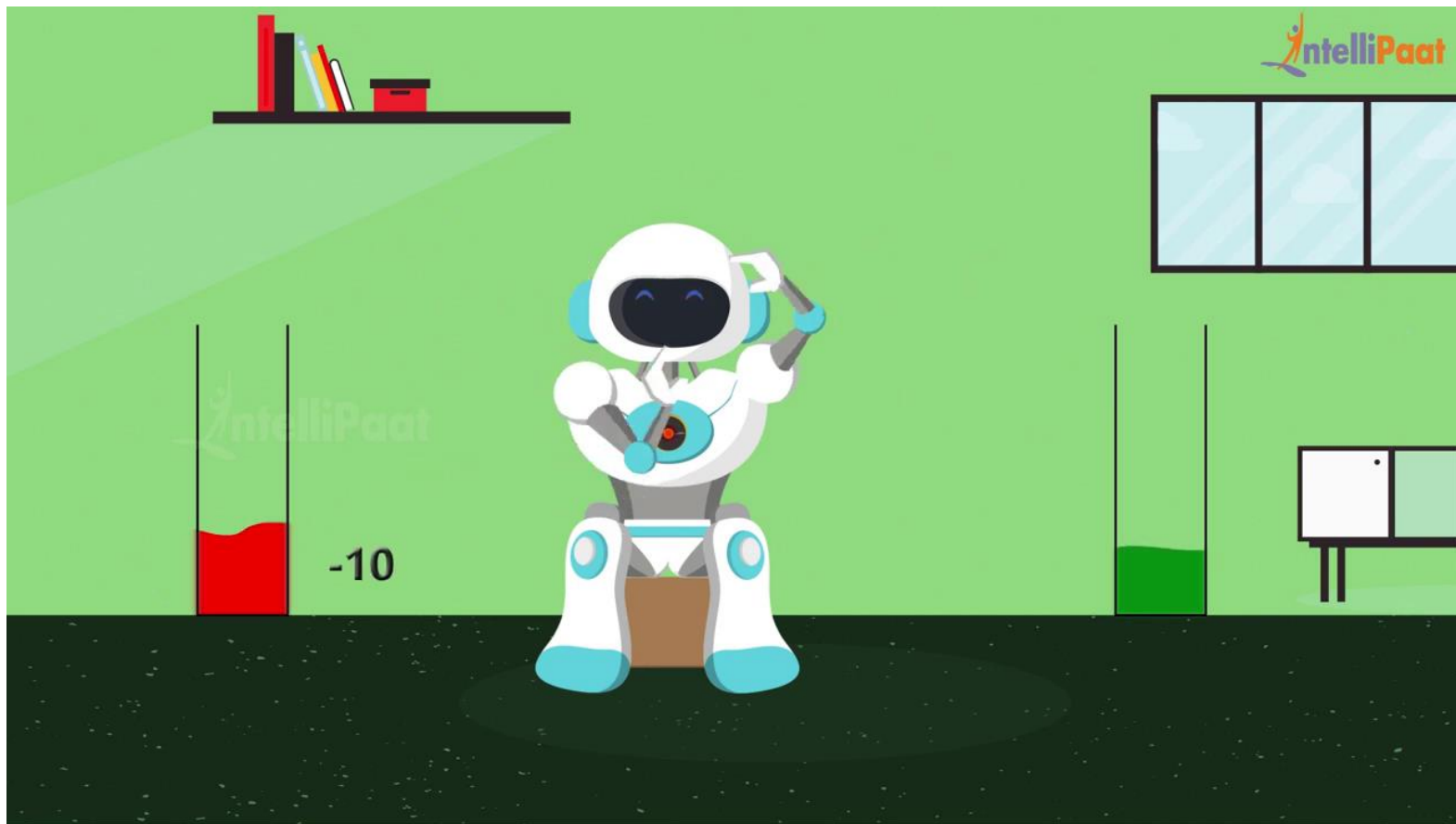




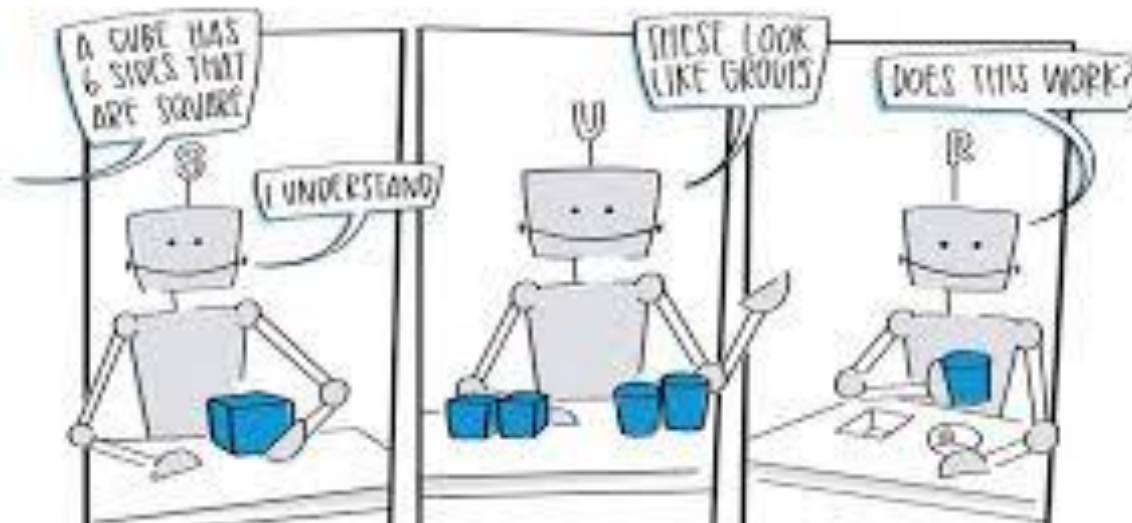






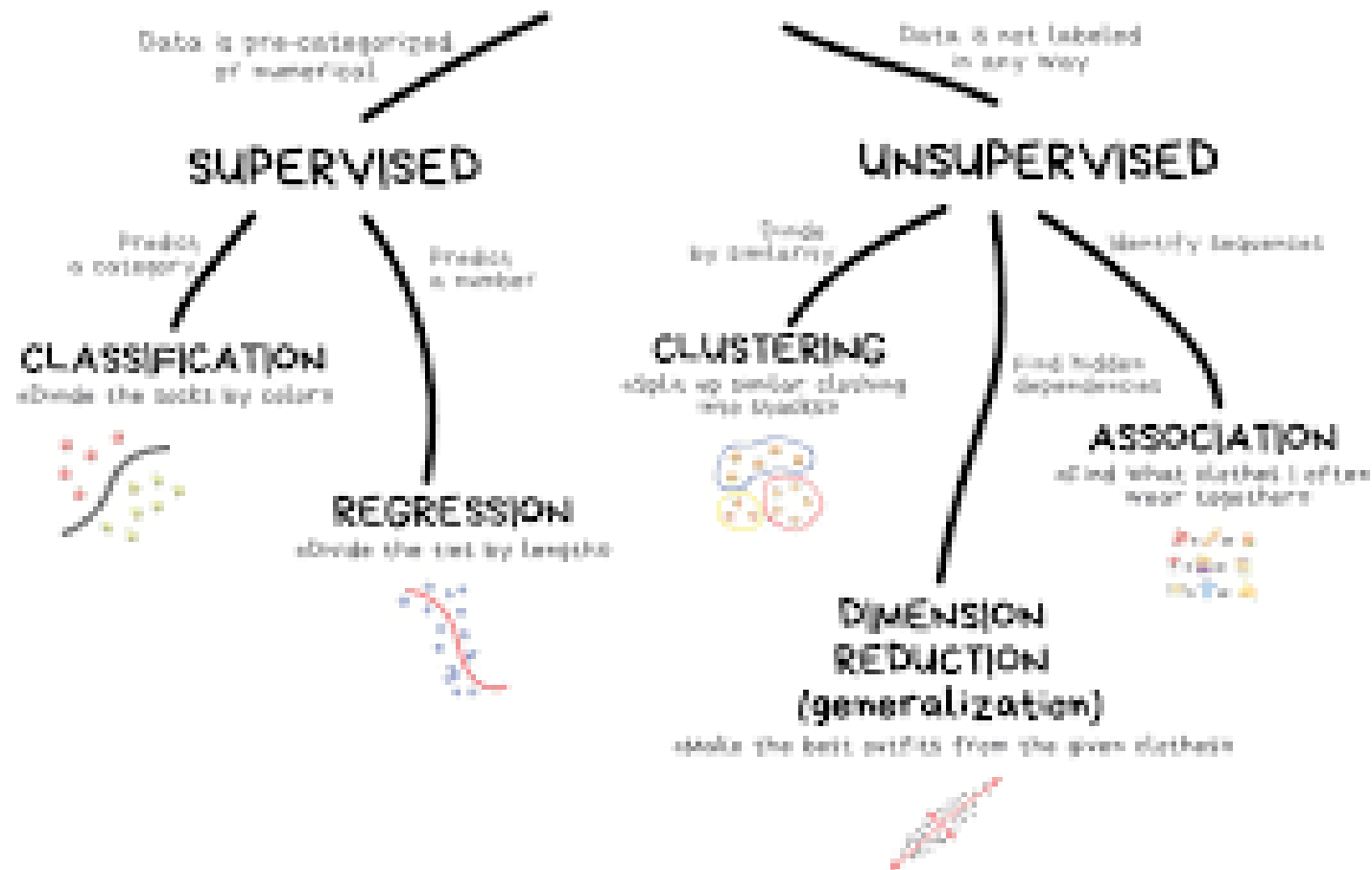


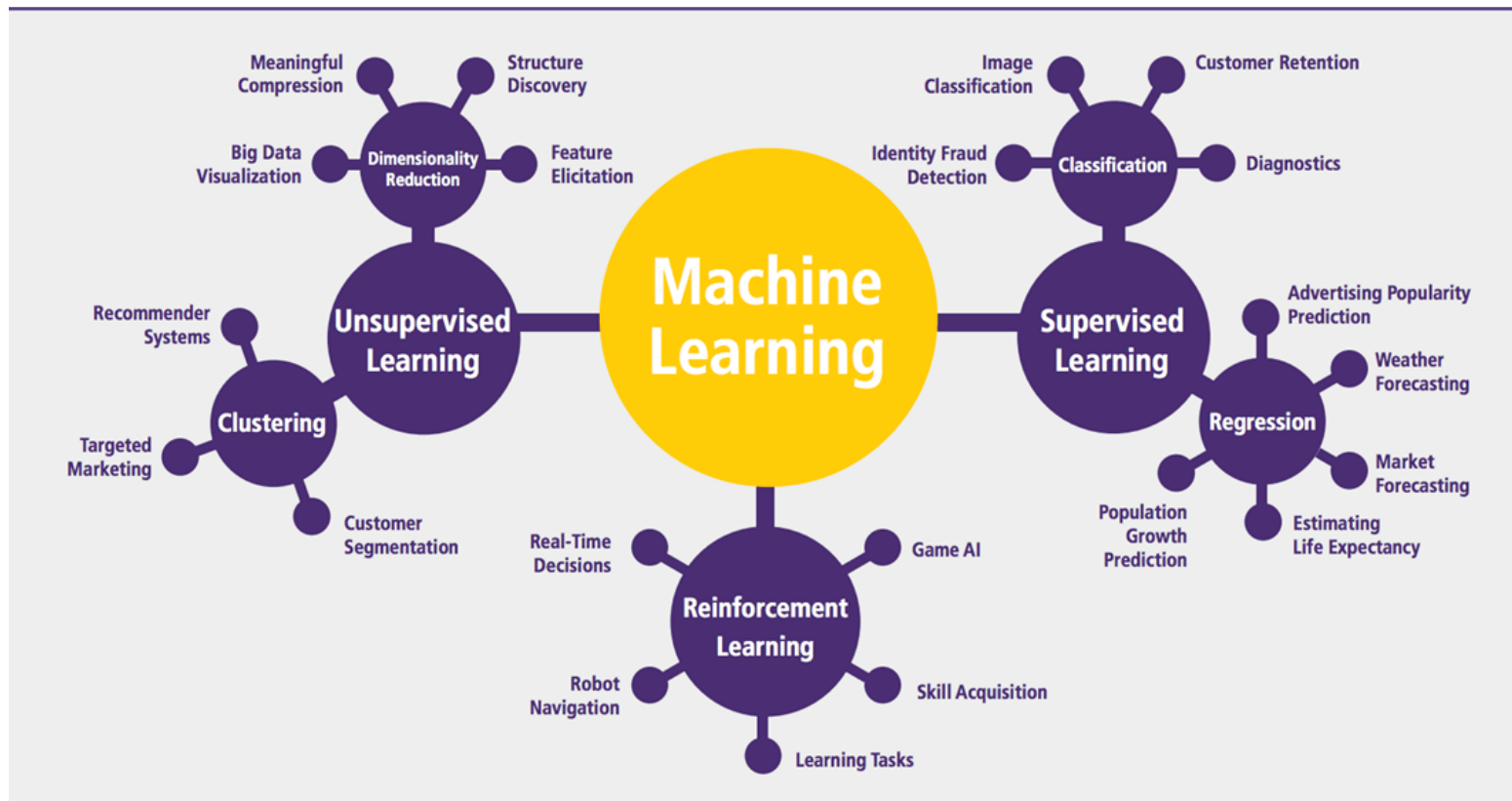
MACHINE LEARNING

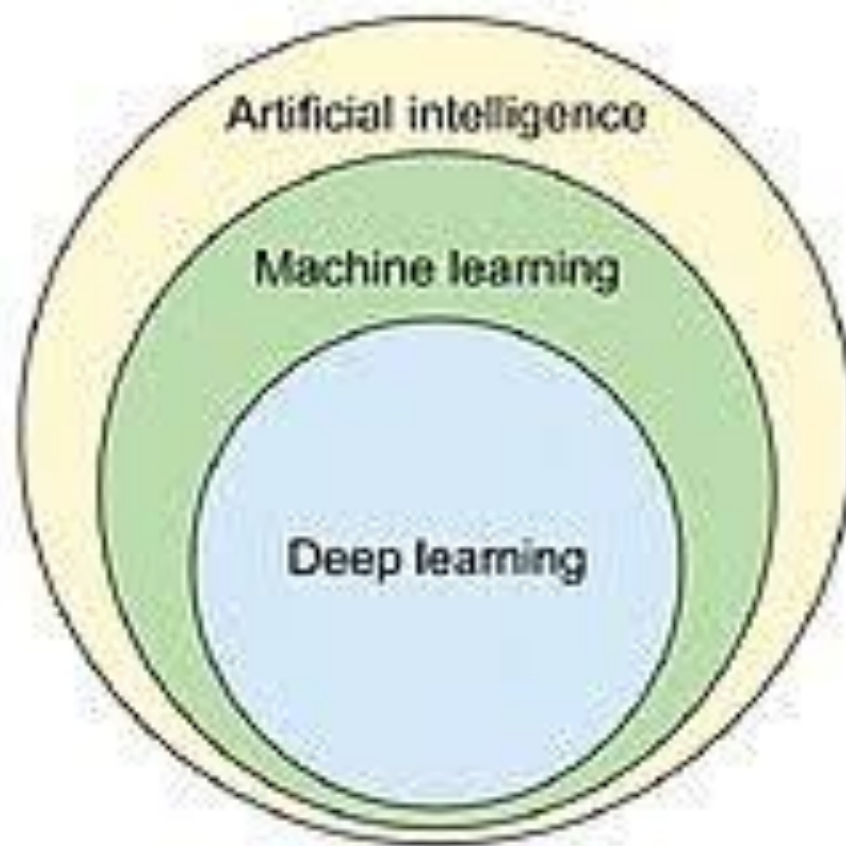


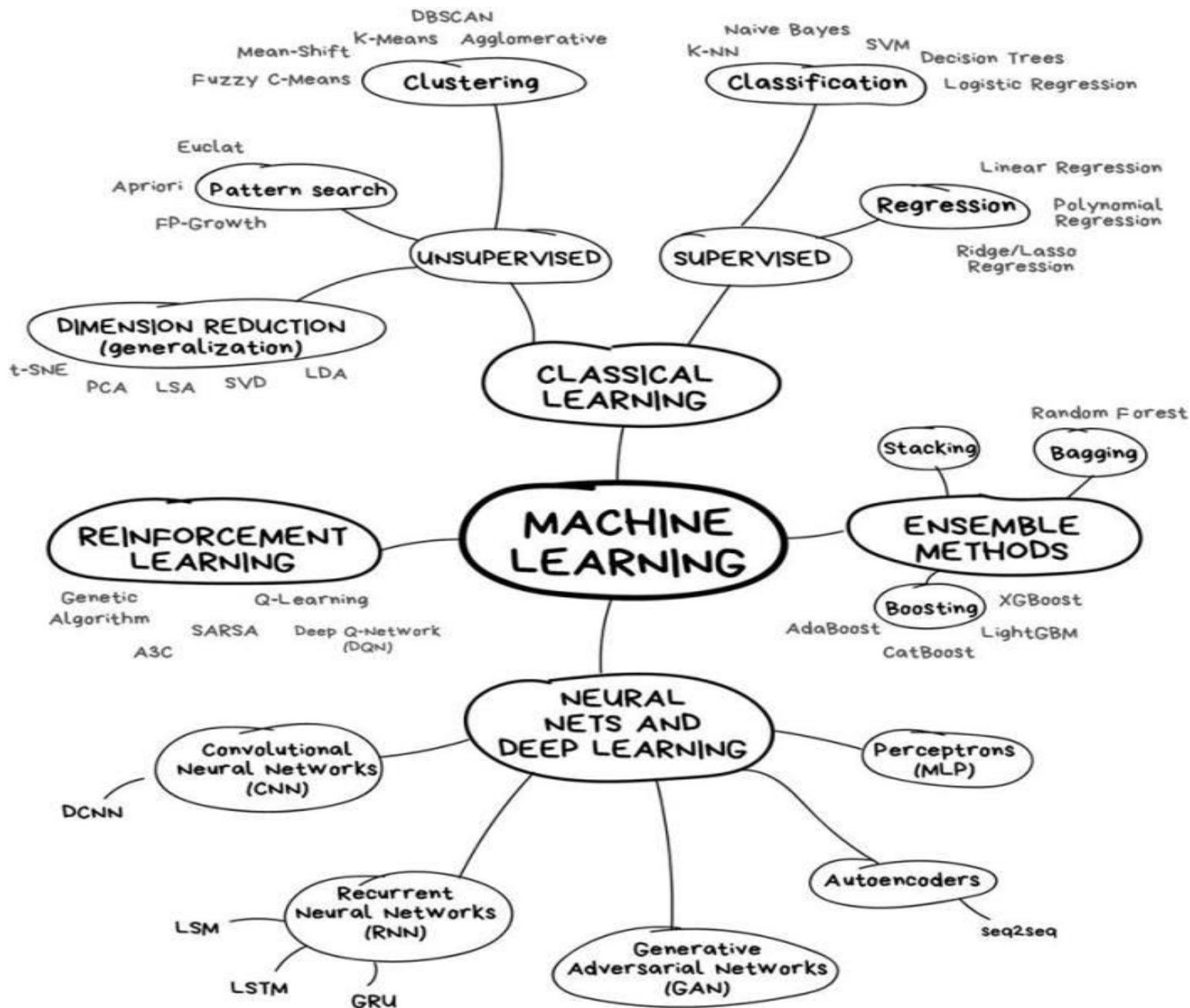


CLASSICAL MACHINE LEARNING









SUMMARY: SETTING THE CONTEXT ...



- ⊙ Do machines really learn?
- ⊙ If so, can machines learn better than human?
- ⊙ Most importantly, how do they learn?





REFERENCE BOOKS

