

The Product Management for Data Science & AI Course

COURSE NOTES

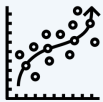
TYPES OF LEARNING

1. SUPERVISED LEARNING

Show the machine what you want it to do.



Good for **classifying**
things into categories.



Good for **predicting**
trends.

2. UNSUPERVISED LEARNING

Let the machine identify patterns of its own.



Good for **clustering**
common things
together.



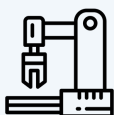
Good for **anomaly**
detection.

3. REINFORCEMENT LEARNING

Tell the machine what the goal is, and have it figure out how to achieve the goal through trial and error.



Good for **game type** problems.



Good for **robotics** tasks.