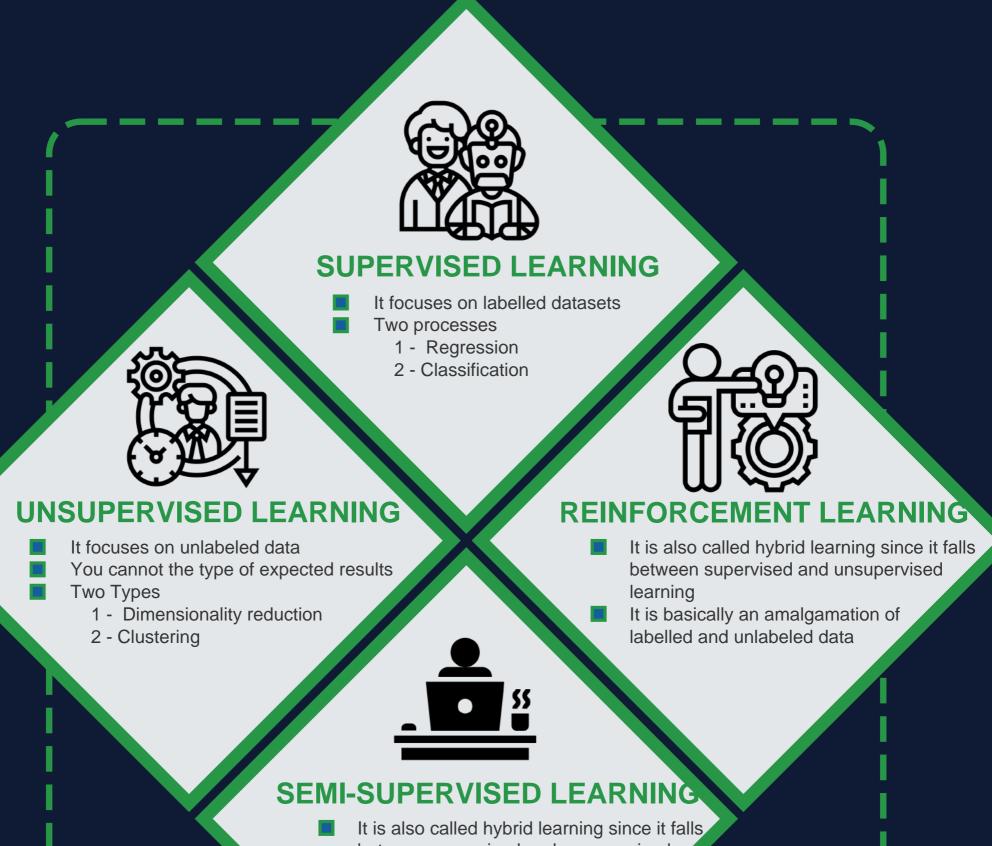# Different Types of Machine Learning

Machine Learning is a diverse field with a lot of unexplored possibilities.
There are four different types of machine learning;

SUPERVISED LEARNING

- It focuses on labelled datasets
- Two processes
  - 1 - Regression
  - 2 - Classification

UNSUPERVISED LEARNING

- It focuses on unlabeled data
- You cannot the type of expected results
- Two Types
  - 1 - Dimensionality reduction
  - 2 - Clustering

REINFORCEMENT LEARNING

- It is also called hybrid learning since it falls between supervised and unsupervised learning
- It is basically an amalgamation of labelled and unlabeled data

SEMI-SUPERVISED LEARNING

- It is also called hybrid learning since it falls between supervised and unsupervised learning
- It is basically an amalgamation of labelled and unlabeled data

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