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In [ ]: # MACHINE LEARNING

# What is machine Learning?
# Machine Learning is the science (and art) of programming computers so they can learn from experience.

# Machine Learning is the field of study that gives computers the ability to learn without being explicitly programmed.

# A computer program is said to learn from experience  $E$  with respect to some task  $T$  if its performance on  $T$ , as measured by  $P$ , improves with experience  $E$ .

# types of Machine Learning systems
# There are so many different types of Machine Learning systems that it is useful to categorize them based on the following criteria:

# whether or not they are trained with human supervision (supervised, unsupervised, reinforcement learning)

# What is supervised Machine Learning
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