

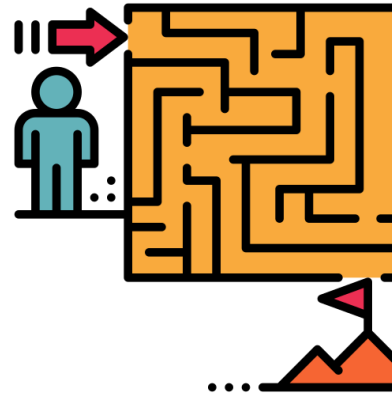
Introducing Machine Learning

A machine learning algorithm is an
algorithm that is able to learn
from data

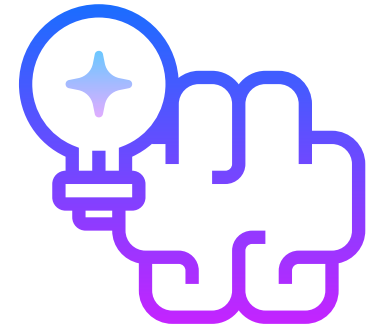
Machine Learning



Work with a huge
maze of data



Find patterns

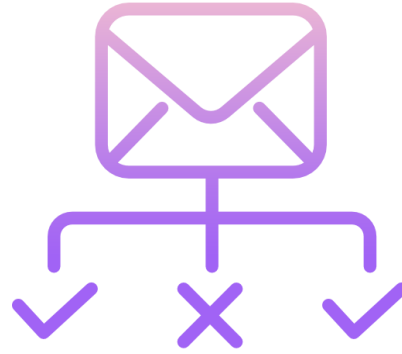


Make intelligent
decisions

Machine Learning



Emails on a server

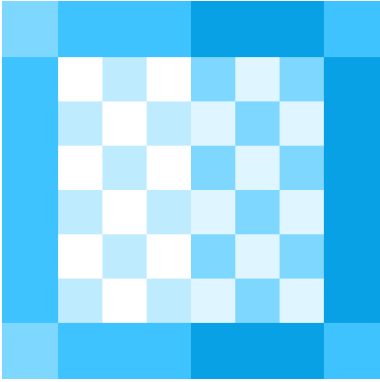


Spam or Ham?



Trash or Inbox

Machine Learning



Images represented
as pixels



Identify edges,
colors, and shapes

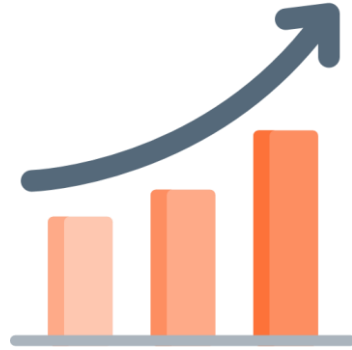


A photo of a little
girls

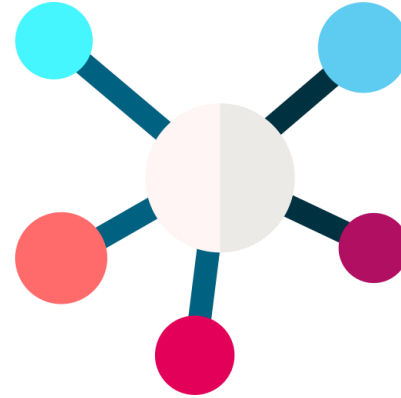
Types of Machine Learning Problems



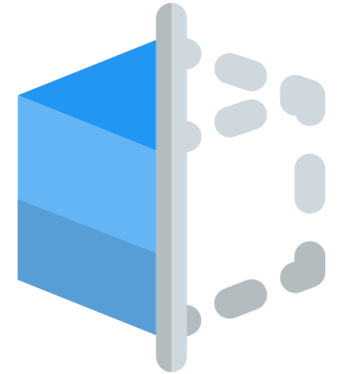
Classification



Regression



Clustering



Dimensionality
reduction