from zero to machine learning

repository

https://git.io/Je9Xu

https://thiscatdoesnotexist.com/



The power of ML

The definitive Guide

O RLY?

A skilled data scientist

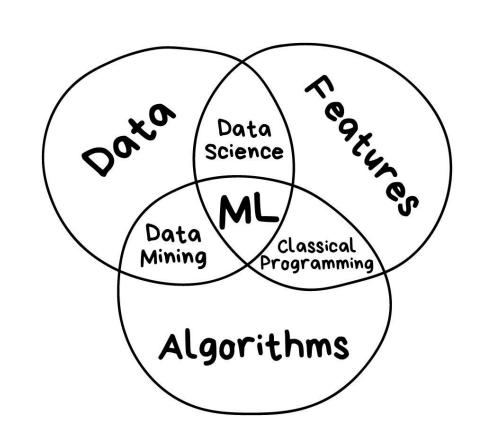
definition of zero

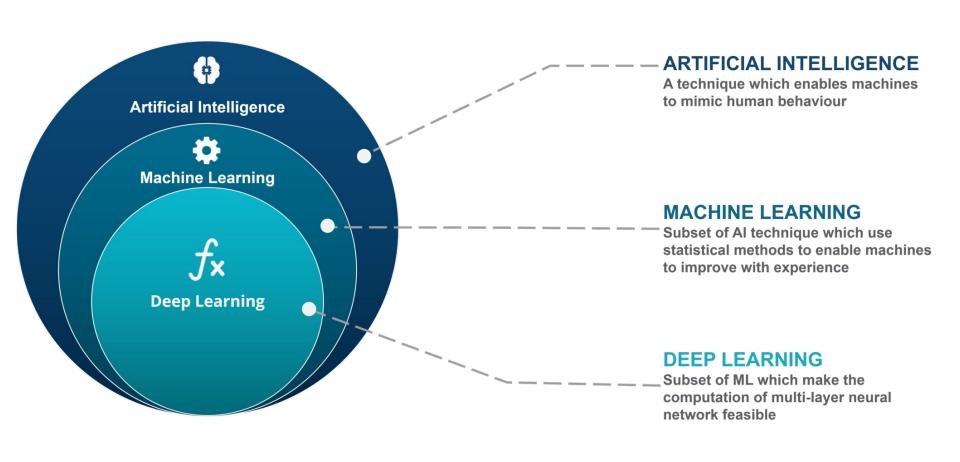
definition of

machine learning

why teach machines to make

predictions?





reinforcement learning

interact with an
environment

classical ml

simple data

main types of machine learning

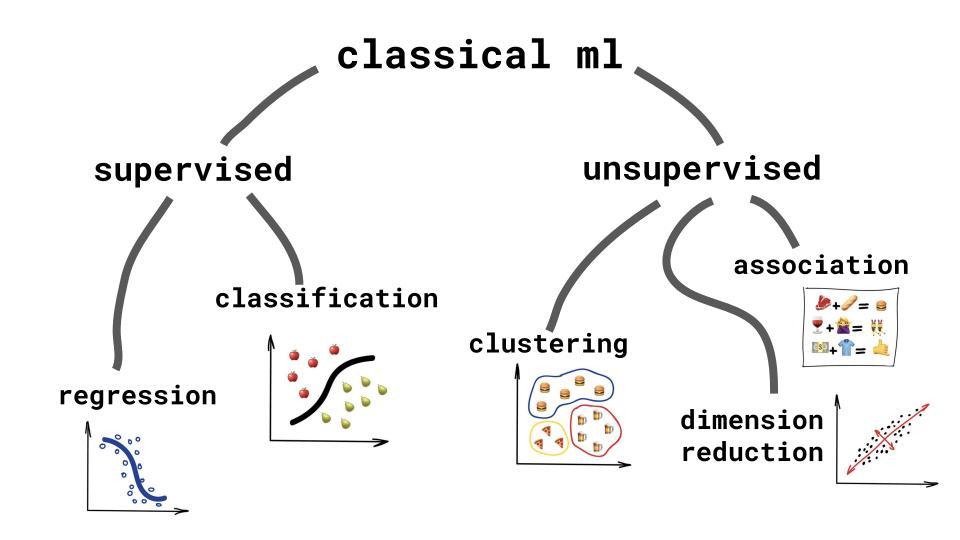
focus on quality

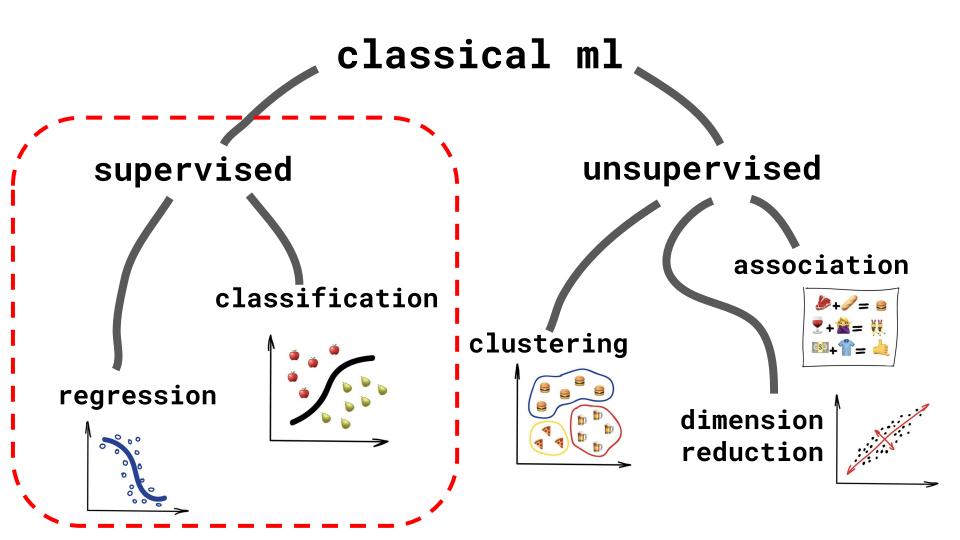
ensembles

complicated data

neural network

classical ml



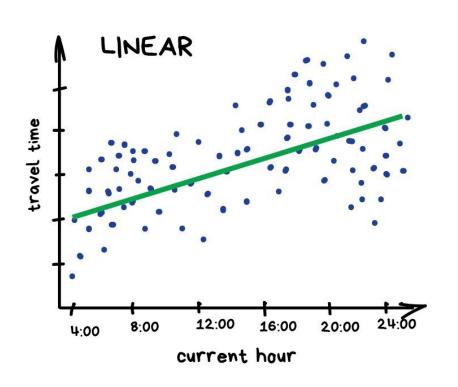


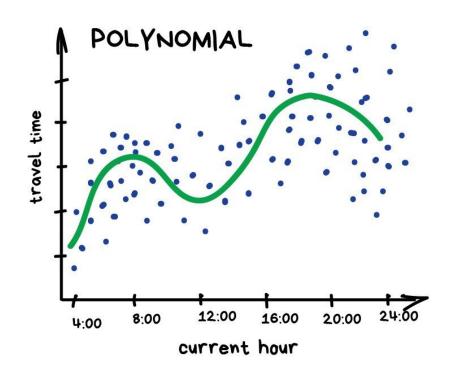
regression

used for

stock prices forecasts sales volume analysis -

predict traffic





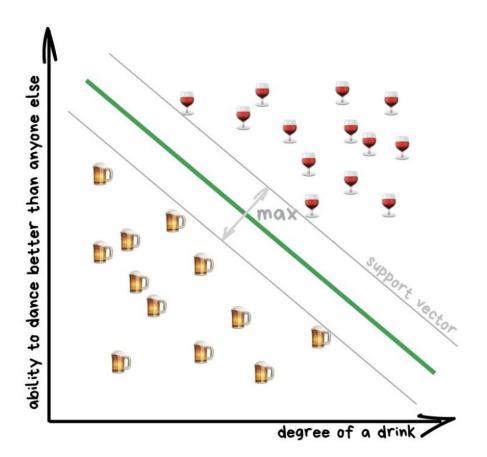
classification

used for

- spam filtering -
- language detection -
- sentiment analysis -
- recognition of handwritten characters and numbers
 - fraud detection -

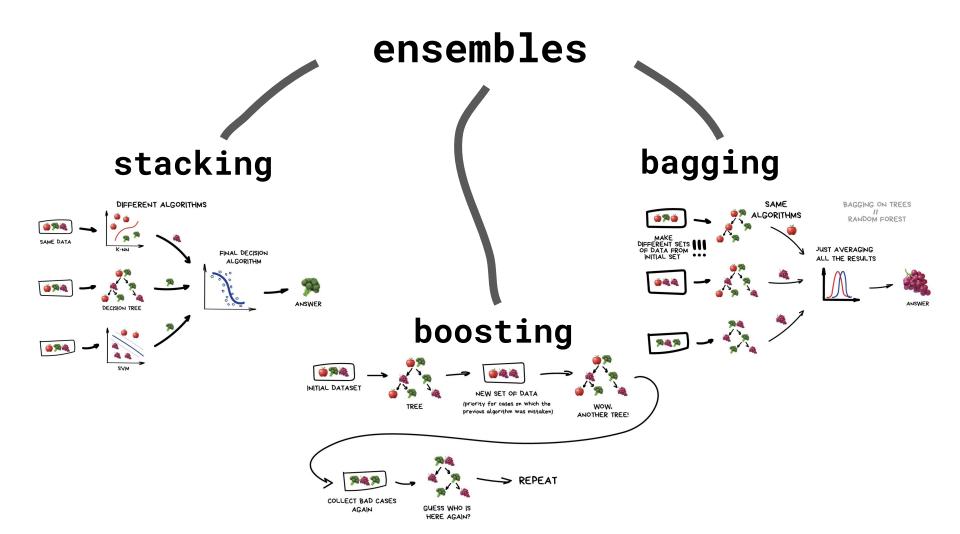
give a loan? credit history pad have a pledge have a debt > 1.000 \$ have guarantors no no yes no yes

decision tree



support vector machine

ensembles



deep learning

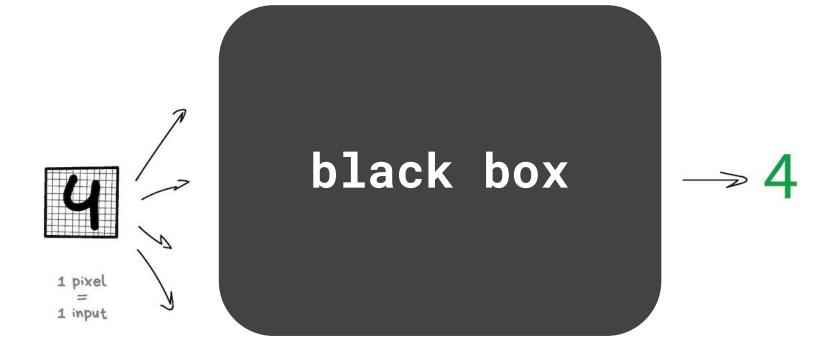
neural

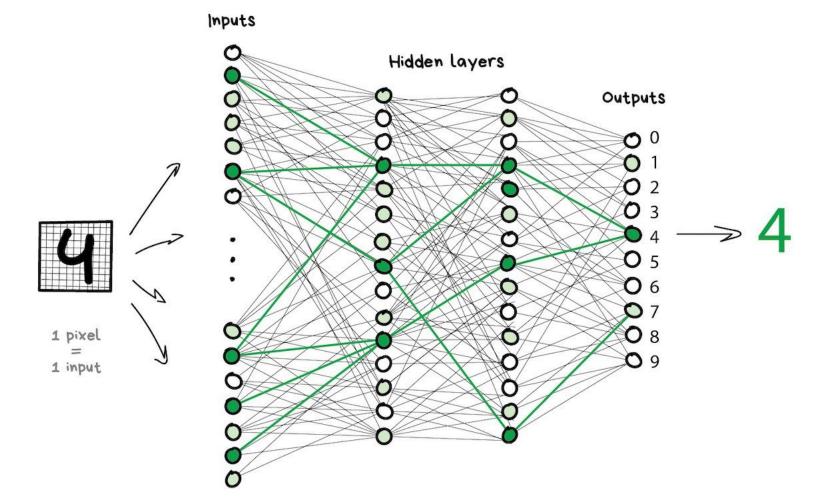
networks and

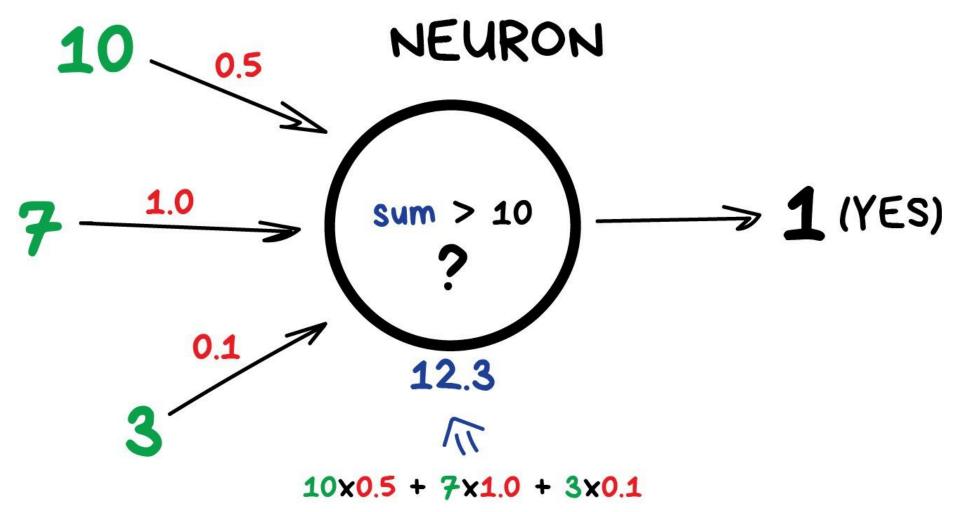
neural network

used for

all the previous scenarios object identification on photos and videos speech recognition and synthesis image processing, style transfer machine translation -







hands on

thank you



