



Machine Learning for Dummies



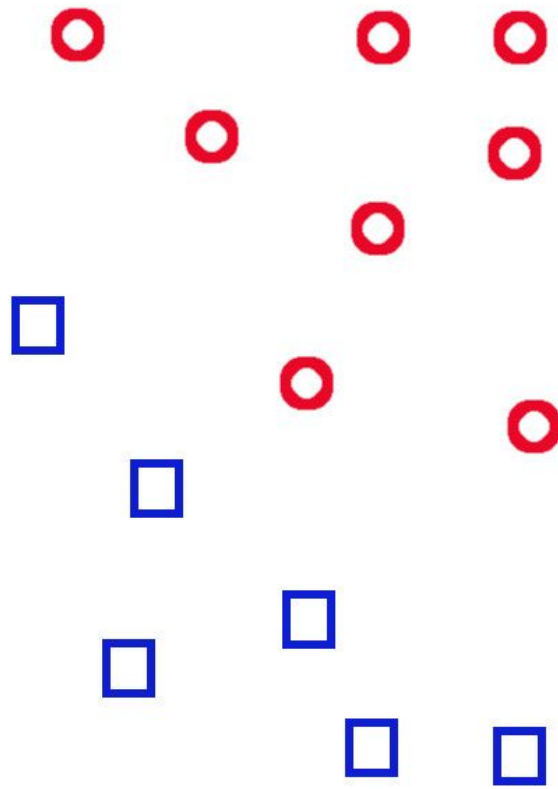
Prayash Mohapatra
me@prayashm.com
github.com/prayashm

“

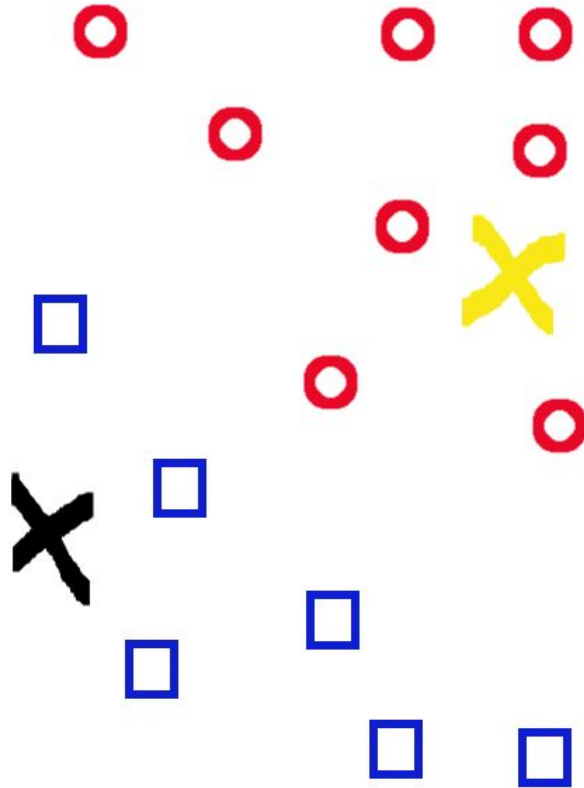
Classification

Identifying to which category an object belongs to.

E.g. Spam Detection, Predicting Crime, Face Detection



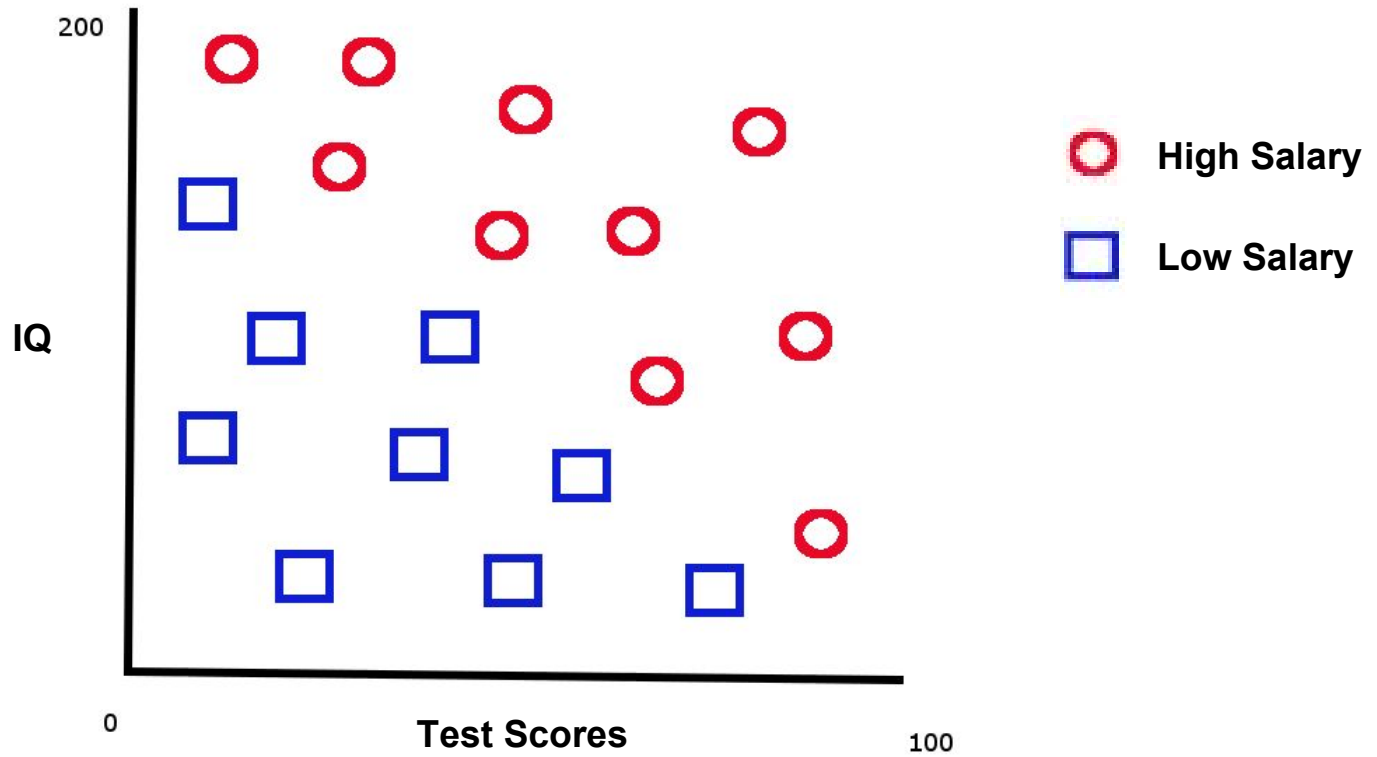
Circles and Squares



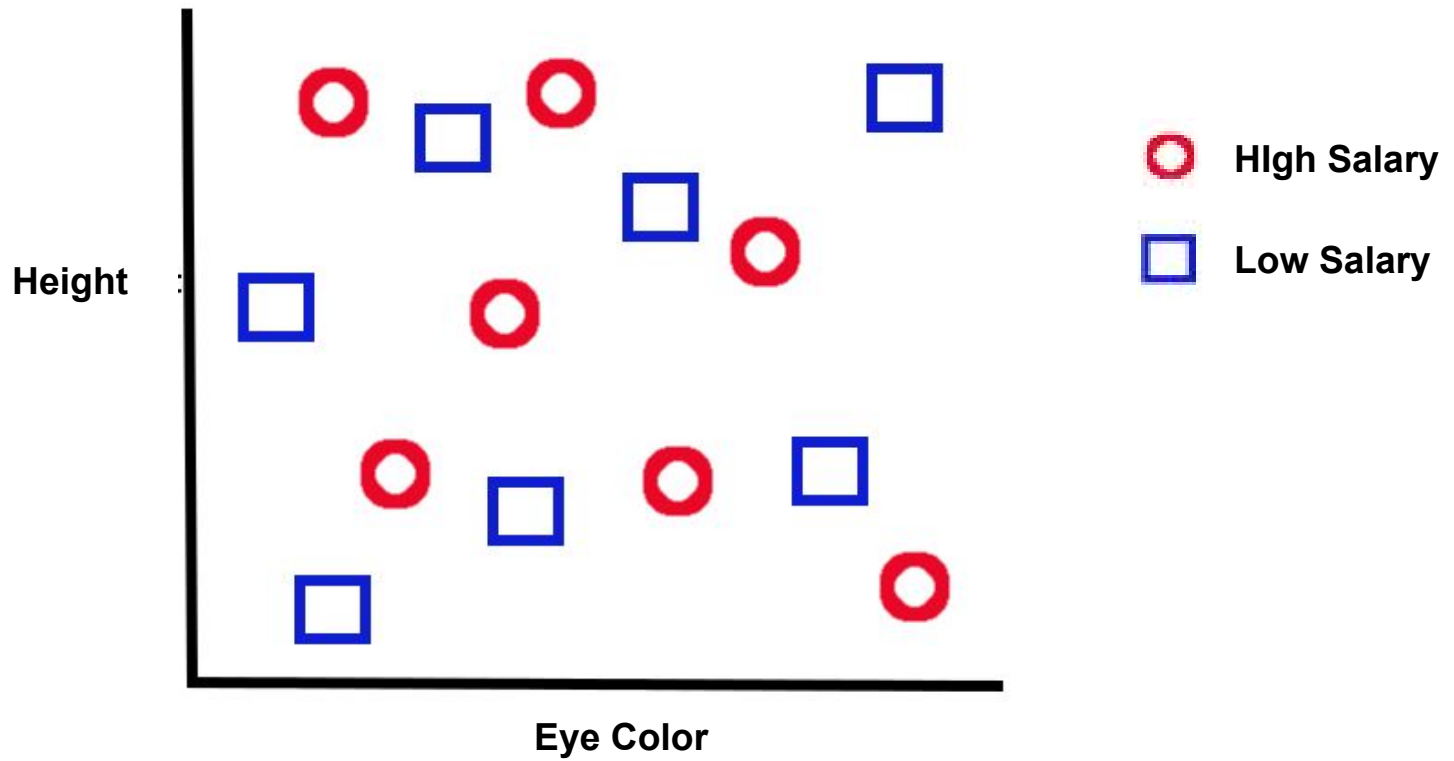
Circles and Squares



Circles and Squares

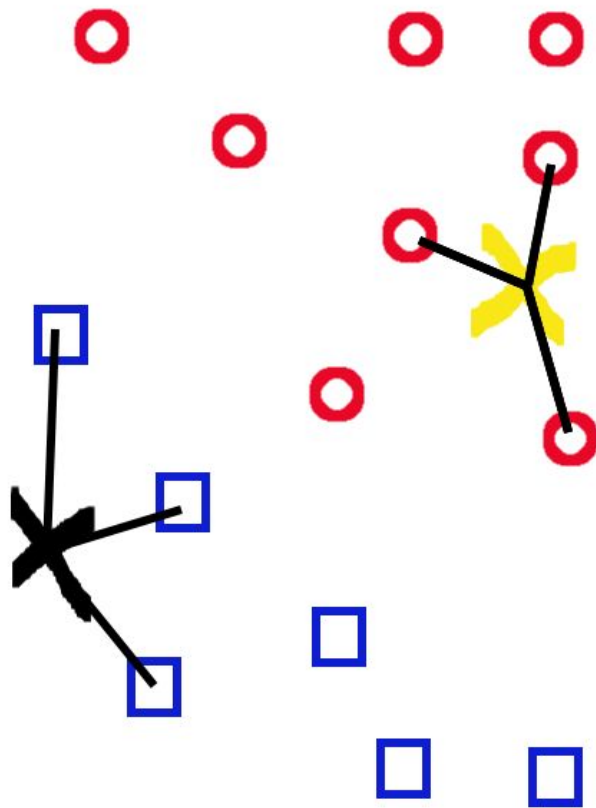


Test Scores vs IQ

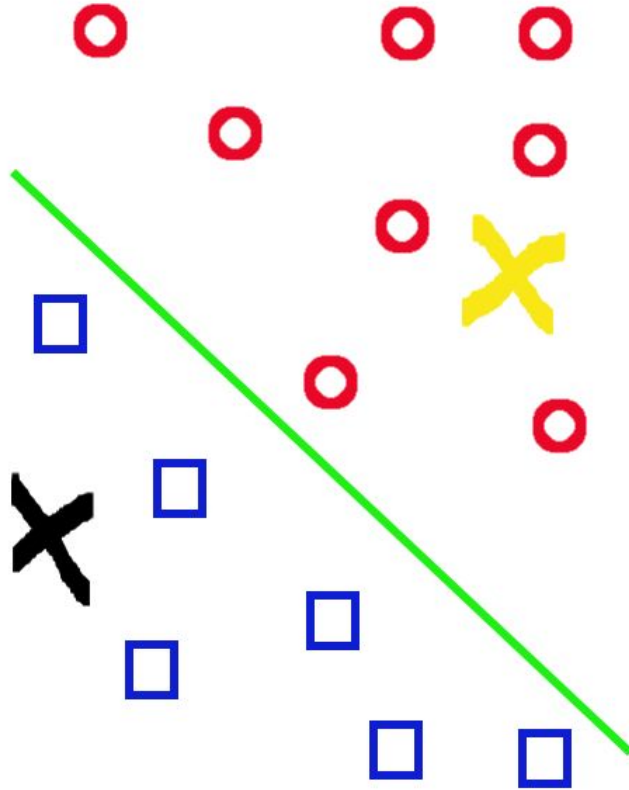


Does it make any sense?

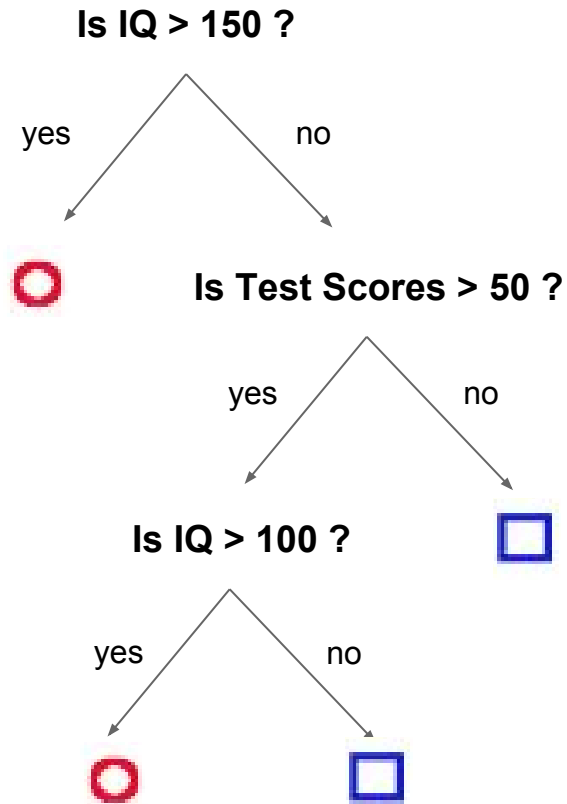
K-Nearest Neighbors



Support Vector Machine (SVM)



DECISION TREE



Iris Flower Dataset



I. setosa



I. versicolor



I. virginica

Iris Flower Dataset

Features

Labels



Sepal length	Sepal width	Petal length	Petal width	Species
5.1	3.5	1.4	0.2	<i>I. setosa</i>
4.4	3.0	1.3	0.2	<i>I. setosa</i>
5.7	2.8	4.1	1.3	<i>I. versicolor</i>
6.2	2.9	4.3	1.3	<i>I. versicolor</i>
6.3	3.3	6.0	2.5	<i>I. virginica</i>
7.2	3.6	6.1	2.5	<i>I. virginica</i>

“



THANKS!

Any questions?

You can find me at
@catchprayash
me@prayashm.com

Slides: **bit.ly/ml4dummies**

Code: github.com/prayashm/ml4dummies

Codelabs: g.co/codelabs/tensorflow