TREE BASED MODELS

Decision-Tree (Clasification)	from sklown.tree import DocisionTree Classifice					
	dt = DecisionTree Classifier (Max - dxpth = 2)					
No require estadorización	dt. ht (x-tran, y-tran					
)					
Decision-Tree (Regression)						
	significallegressor. Cada but dabe tever al news us 10% de la detas					
dt: Dec (max depth= , m	n_samples_lect= 0.b)					
-	(victs					
Generalization Error	bios' + variaza + medicible eror					
Cuanto geralion el modelo en	(b) as in ->					
CY	error > bouning set error cones = decrease mobil complexity gather more douter					
(Yabenas de Variata) - Salvan	unes - decease model complexity					
· Overvmy	Pare word ands					
८√	er strening act ever >> abouted ever					
Robbers de Biss Sylvenie	a significant moth contains					
(Robberos de Bias) - Soluciues -> inconse matel complexity						
U						
Ensemble Learning						
Usa varos modelos → agrega la	o resultado y la usa por hace una podicción					
From sklerin essentie innert Vot						
nds.						
classifiers = [(', ', mad s),						
('', moda), ('', dt)]						
enheron la classifiera not esonote : Voting Classifier (est motors	= classifiers)					
vc. fit (x-tem, y-ten)						
Bougging (Bookhap agregation)						
-0						
from sklearn ersemble import Bo)					
bc : Bagging Classifier (base - estimata = mon	(1-addj.n., U.sadowtes.n., seal.)					

TREE BASED NODELS

Out of Bag Evaluation (OOB)							
bc: Bagging Classifier (have extractor, new netor, cab. score = Tive)							
bc. oob_sare_							
Rondom Forests							
Thur sken eisenble Roden Erest Classifier) (n-estorators							
You classificación							
" regression - France skleem essentle import Rendontarest Regresser							
<u> </u>							
Pour ver la importança de les attributes en un madelo de abol							
Pour ver la importance de les attributes en un madelo de abol							
AdaBast (Adoptotive Basstry)							
from sklam assente import Adabaset Classifier - Aprende de las everes del les everes del la charticación - mod. Adam. (lace colonador el massimiliar. N) arbit ordans							
los clasificación -> mol. holv (base columbia de mesamos) colod orlenos							
1 1 2 and 2 mer W							
" (egresion - Igual puo Adaboost Rogresar							
Gadiet Booting (De to mijosa)							
Rec regression -> Transkon essents unget Gradiet Bookinglegnesser und = a (restimaters = N, non-depth = N)							
Pera chaificacia -> Iqual pero Gadient Bassing Classifier							
Stachastic Goodiert Boosting (más aptima) -> Las supiles ou sin captament							
San independientes							
En ello - E un Cardial Booting Regional, subsciple = 0.8, nour fortures = 0.1)							

TREE BASED NODELS

Rodon	Eccot	Hupepperetes	(Capolecanolne	nte coo	d tunia)
		Or B	•		0,