	Ada Boost
- Hola Boost	t &
Three idea	nes a lot of "weak learners" to make
Classifications. The	ne weak learners are almost always stumps.
	a voriable to make decision.
-final decision.	have more chance to affect
3) Each stump is	made by taking the previous strump's mistakes
Özet olarak 3 1)	Baslogicta dataseteki her semple'a oyni oğırlığı
	Kullonilon feature lara bağlı ber feature içio "Stump" or - aluşturur. Bu weak learner leaden en iyi tahori
3)!	Pinal koron ne kador ettileyergi tomomen
	En iyi tabmin yazan içinde bangi gözlenleci - yorlış tabmin kmize bakılır.

T) a la la sample'
5) Burlar hargi gözlemler ise bir sonraki adında bu sample'-
- Larin agirligi artiribra Agirligin artmasi derock, 2. alusturularak
Stump (weak tree) - ifin olysturulan datasette - I'den cok-
- Kez a hatali gäzkenlerin - yar alması deroek.
b) 2. week learner agaci alusturuluriken ayor size'da datoset
-fotat gaklanan giztem lecolus
7) Hec sample a your agriculturer brek (Jates datada
- o gå zlensler fak lugar) - 2 = Stump lar - agri- agri- ner- meg me
- 31e olysturulus En 3 yisi segilis.
8) Bu admiac tekrar eder. (Stump sayss todas)
- 9) Her ogacin bosers croning give final decision ettist fathetis ve
- final karer - verilies Her adımda oluşan en iyi ağaç kendi başar acandı
- finale etti ederck süreç biter
6BM 3
a) Regression:
Height Color Gender Weight (Poset)
1.6 Blue M 88
1.5 Blue F 56
1.5 Green M 77
1) 1/k olarak (88+56+77) = 73 average weight hesaplane.
3
This is the first attempt at predicting everyone's weigh

linkin				0.7	100
2) Build	Latree	based or	the errors t	from Erst Trees	1
-(-yoni_ta	üm herke	sigio_31k.	admda - Aueca	e"-prediction-ypulypr	2
31k adiod	laki-errac'	loci-hesp	ayacquit-simdia-		2
					2
- Height -	_color_	Conder	- Waght ! Toget	JBesidual	=
1.6	B	Н	88	88-73=15	-
1.5	B	£	56	56-73=-17	=
			77	77-73=4	-
-					=
Buadma	1 1 to	e huild e	deceair (Stum	p_degil) by tree yi	=
				at etmek yerioe	=
2 31 1	11 0 0	12 + -12		10 1 4	E
LLESidual	Ject-bre	al_cl_eac			E
P				2 1	E
Duild e	dela bis	al objection	Distruction	Gender = F	1
		42 014011117	Lb3-1-	6/11 Color out Blue	1
	Luighan			E<1.6 Color not Blue	1
	2			4 1 15	i
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			(2 gize len bu	aya	
			dilyse idi art	lone yesocotate)	
		V	dissedicach	love yescothich	
3) We no	m compi	ne the or	igical leafe u	ith rew one	
3) We no	u combi weight (1	ne the or	igical leafe wootian) = 73	22th new one	
3) We no	u combi weight (1	ne the or oitial predi	igical leaf unotion) = 73	22th new one	
3) We no	u combi weight (1	ne the or oitial predi	igical leaf unotion) = 73	22th new one	
3) We no	u combi weight (1	ne the or oitial predi	igical leaf unotion) = 73	22th new one	
3) We no	u combi weight (1	ne the or oitial predi	igical leaf worth 12 - 13 + (0.1 Learning	× 15) = 74.5	
3) We no	u combi weight (1	ne the or oitial predi	igical leaf unotion) = 73 + (0.1 Learning aynıdır	22th new one	_

4) 1. gözlem	Jeight (Paget) Initial Res. 2nd Res // 150 13.5 = 88-74.5 56 1-17 11-15.3 = 56-71.3 77 4 1 3.6 = 77-73.4
5) Yeni agaç bu kez	jeni Residualler 2/e olystuculus (ariginal weight'er ile daji)
Ge Heght (1.	Color not Blue (Ru agaç öncetine göre fortillaçabilir gösterrelik bu). 3.6 13.5
6) Sindi elimiza	le 1 tore initial prediction (Aug)
1. göden 2 Predi	cted weight = $73 + (0.1 \times 15) + (0.1 \times 13.5) = 75.85$ $= 73 + (0.1 \times -17) + (0.1 \times -15.3) = 69.77$ $= 73 + (0.1 \times -4) + (0.1 \times 3.6) = 73.76$
	56 -1715.313.77 77 4 3.6 3.24
	24-somesons-bogile-yerkoridaki iskonler-ygarlic-

	1
b) Classification 8	1
- Regresyona cok bender (Logistic Regresyon prob. hesephre monting the solisin)	8
1) los tial poediction belirlerir . (Begresyondo Avg.; _siniflordirmoda	1
lag (odds).	1
	-
Count Class 2 /	E
- 2) Buradeki Residual = (Observed - Predicted)	E
	E
3)- Gioe ayor sekilde residualler predict edilmeri için	-
agaflar oluşturulur (Learning rate de aynı sekilde yypularır) -	-
	=
4) Isterilen sayıda ağaç oluş turulduktan sosra, final karar verölin	