



features

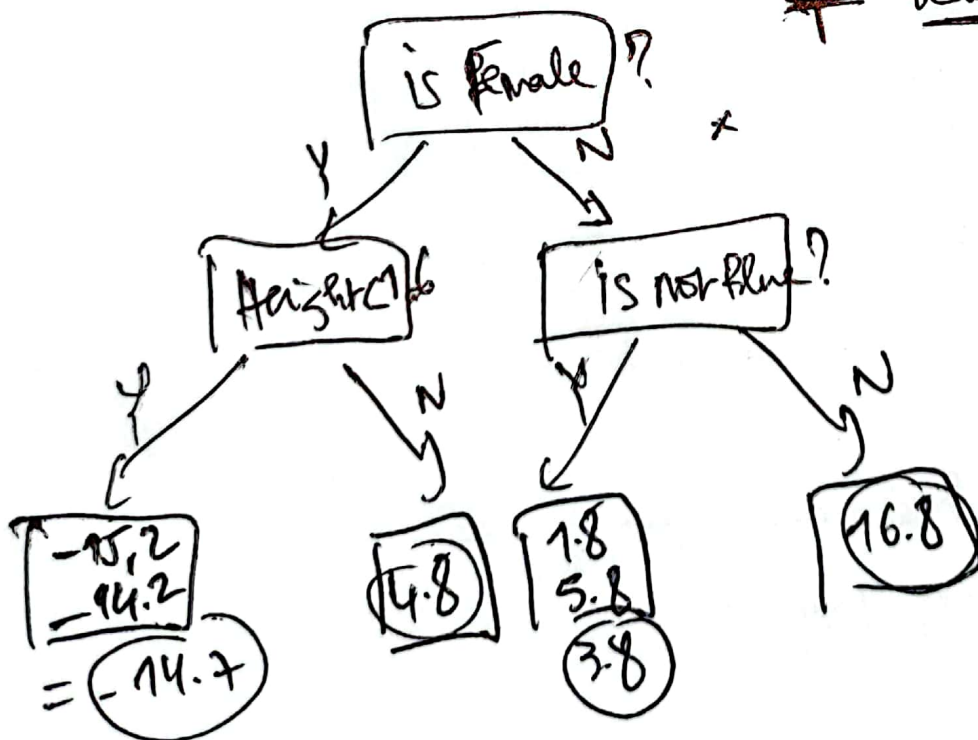
target

index	Height	Color	Gender	Weight	Error (Residuals)	New prediction	New Residual
1	1.6	Blue	M	88	10.8	$71.2 + 0.1 \times 10.8 = 72.3$	$16.8 - 72.3 = -55.5$
2	1.6	Green	F	76	4.8		4.3
3	1.5	Blue	F	56	-15.2		-13.7
4	1.8	Red	M	73	1.8		1.4
5	1.5	Green	M	77	5.8		5.4
6	1.4	Blue	F	57	-14.2		-12.7

initial prediction

$$\frac{\sum_{i=1}^6 y_i}{6} = 71.2$$

+ learning rate (0.1)



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