Gradient Boosting $\left(\frac{\partial_{\mathcal{C}_{i}} \hat{\sigma}}{\partial \mathcal{C}_{i}} \right)$ -5K 005K dok 25K look PHD Arg. 75k(g) Creek a Base model Co-pite Residuel form and Euron Construct a decision tree, Consider i-prts sie and of Rs) DT1 d xe, R1 } Bose model + DT1

)
Soverfilling &

= 754 0 (-25) Predicted off for (x, x,) X= dealing Late = 75 + (0.01)(-23) d=0000d=00-16 d=001 large = 25-0.23 d=0.01 = 74.77 DT2 due, R3 4 DTI Ini, k, 4 mathematical foliables; $-qh_n(x)$ $F(n) = d_0 h_0(n) + d_1 h_1(n) + d_2 h_2(n) +$ d do = 16 where of do, d, 1de --- dn b-) during tite F(x)= Z de hi(x)

$$\frac{g}{-3}$$
 $\frac{g}{161.2}$ $\frac{g}{-1}$ $\frac{g}{161.4}$

$$\frac{X_{1}}{18}$$
 $\frac{X_{2}}{18}$ $\frac{X_{2}}{18}$ $\frac{X_{1}}{18}$ $\frac{X_{2}}{18}$ $\frac{X_$

$$\hat{J} = Bm_1 + \alpha \neq DT \neq \chi_{e,R} = 6$$

$$= 161.5 + 0.2 = 0.3$$

$$= 161.2$$

$$= 161.5 + 0.1 = 6$$

$$= 161.5 + 0.1 = 6$$

$$= 161.5 + 0.1 = 6$$

$$= 161.5 + 0.1 = 6$$

$$= 161.5 + 0.1 = 6$$

$$= 161.6$$

$$= 161.6$$

$$= 161.6$$

$$F(x) = 0. h_0(x) + 0. h_1(x) + 0. h_1(x) + ---0. h_n(x)$$