Anhennas perpoci Dano: XX flaumu; a(x) ~ y a(x) = w1x1 + w2x2+ $W = \left(\frac{2.5}{2.5} \right)$ 3 cadan 4 ~ 1

Dani, K, X Modeus $a(\mathbf{r}) = \sum_{j=1}^{d} w_j x_j + B = w_1 x_1 + \dots + w_0$ 084 renne: 6-? na $Q = \sum_{i=1}^{k} \frac{1}{2} (q_i, Q(x_i)) = \sum_{i=1}^{k} \frac{1}{2} (q_i - \alpha(x_i))$

 $Q(w,6) = \frac{1}{2} \left(y, -q(2,.) \right)^2 =$ $\sum_{i} \left(y_{i} - \left(w_{i} \right) \right) \left(y_{i} + w_{2} \right) \left(y_{i} + w_{3} \right) \left(y_{i} + w_{4} \right) \left(y_{i} + w$ 3 ad ora 2. A(x)=6 - tou gainer w_1 6-7, AG; 2 (y: -6) 2 -> min

$$Q(6) = \frac{2}{2}(y_i - 6)^2 \rightarrow \text{nuh}$$

$$Q(6) = (y_1 - 6)^2 + \dots + (y_e - 6)^2$$

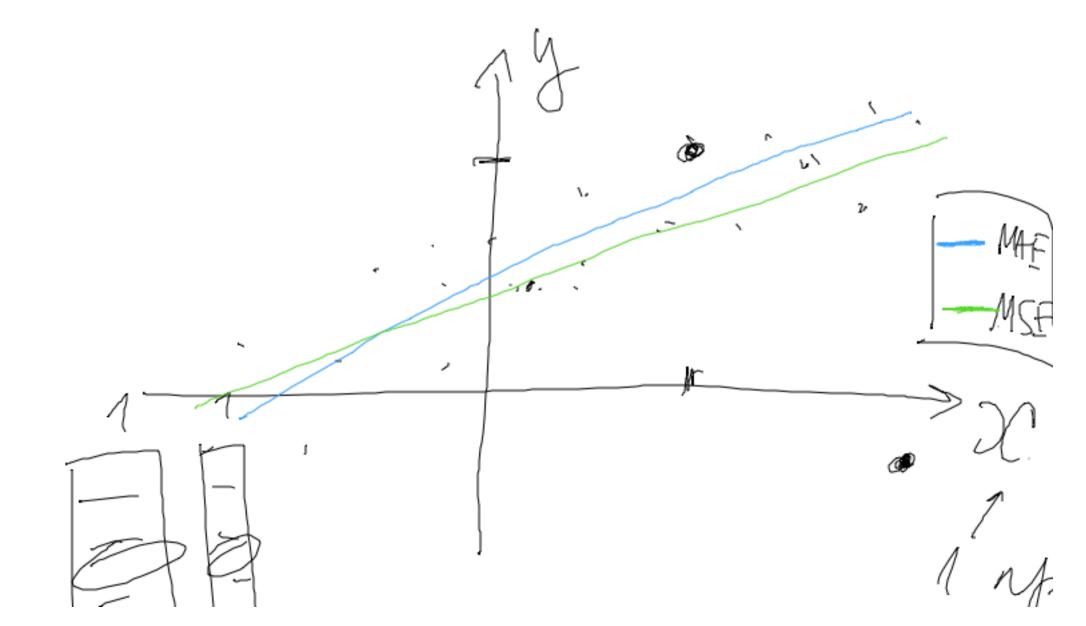
$$Q'(6) = -2(y_1 - 6) + \dots + 2(y_e - 6)$$

$$y_1 = \dots + y_e - 6 \cdot \ell = 0$$

$$y_1 = \dots + y_e = -\frac{1}{2}$$

(6-41)2+ Q(B)=

Q(b) = Z (yi - b) > min Mean squared evror B= mean(y1 Y = (00, 12) B = 34,3R(G) = Z/yi-6/->min mean a6solute error 1(-(100) 11,2) mean (y) = - (0)+1-= 1 2 100 median(y)= Y=(35100 1 2)



a (21-W1X1+...+ Wdxd $\left(\frac{1}{2}\left(w\right)=\frac{1}{2}\left(y_{i}-a(x_{i})\right)^{2}\rightarrow 2\left(y_{i}-a(x_{i})\right)^{2}\rightarrow 2\left(y_{i}-a(x_{i})\right)^{2}$ 1 ? (9: - a 12:1) 4 $=\frac{1}{9}$ (5-4)2 f $()^{2} + 118 = 29$