



$$= \sum_{i=1}^{2} (Y_{i} - mX_{i} - b)(-1) = 0$$

$$\sum_{i=1}^{2} 1 = N \leftarrow N \le \text{ one ode Datos}$$

$$= \sum_{i=1}^{2} (Y_{i} - mX_{i} - b)^{2}$$

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$$= \sum_{i=1}^{2} (Y_{i$$

 $-N \sum_{x \in Y_1} + Nm \sum_{x \in Y_2} + \sum_{x \in Y_1} \sum_{y \in Y_2} - m(\sum_{x \in Y_2})^2$  $m[N \sum_{x \in Y_2} - (\sum_{x \in Y_2})^2] = N\sum_{x \in Y_1} - \sum_{x \in Z_1} \sum_{y \in Y_2} (\sum_{x \in Y_2} \sum_{y \in Y_2} - \sum_{x \in Z_1} \sum_{y \in Y_2} \sum$ 

$$m = N \sum x_i Y_i - \sum x_i \sum Y_i$$
  
 $N \sum x_i^2 - (\sum x_i)^2$ 

$$f(x) = \alpha_1 x^n + \alpha_2 x^{n-1} + \cdots + \alpha_n x + \alpha_0$$

$$\frac{\partial}{\partial \alpha_n} (y_i - f(x_i))^2$$