

 $P = \begin{pmatrix} P_{\alpha} \\ P_{\lambda} \end{pmatrix}$ $L(P_{\alpha}, P_{\lambda}) = \sum_{j=1}^{n} (y_{j} - P_{\alpha} - P_{\lambda})^{2}$

La primora prueba es que Ps=y-x P1

$$\widehat{\alpha} = \overline{y} - (\widehat{\beta} \ \widehat{x}),$$

$$\widehat{\beta} = \frac{\sum_{i=1}^{n} (x_i - \overline{x})(y_i - \overline{y})}{\sum_{i=1}^{n} (x_i - \overline{x})^2}$$

$$= \frac{s_{x,y}}{s_x^2}$$

$$= r_{xy} \frac{s_y}{s_x}.$$

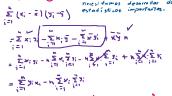
$$\widehat{\beta} = \frac{\sum_{i=1}^{n} (x_i - \overline{x})(y_i - \overline{y})}{\sum_{i=1}^{n} (x_i - \overline{x})^2}$$

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 $\begin{array}{lll} \theta = \sum\limits_{i=1}^{n} (3i - \beta a_i - \beta_i x^i) & \text{for on all interesting property} \\ &= 2(3i - \beta a_i - \beta_i x^i) \cdot (-x^i) \\ &= 2(3i - (3 - \beta a_i) \cdot (-x^i)) \cdot (-x^i) \\ &= 2(3i - (3 - \beta a_i) \cdot (-x^i)) \cdot (x^i) \\ &= -2(3i - (3 - \beta a_i) \cdot (-x^i) \cdot (x^i) \\ &= -2(3i - (3 - \beta a_i) \cdot (-x^i) \cdot (x^i) \\ &= -\sum\limits_{i=1}^{n} 3i \cdot x^i + \beta_i \sum\limits_{i=1}^{n} x^i + \frac{1}{N} \sum\limits_{i=1}^{n} x^i \cdot \frac{1}{N} \cdot \frac{1$



 $=\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{$

Denostrative (B) $\sum_{i=1}^{N} (x_i - \bar{x}_i)^{i} = \sum_{j=1}^{N} x_j^{-1} - 2x_j \bar{x}_j + \sum_{i=1}^{N} \bar{x}_i^{-1} \\
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