Z (yi - Po - Pixi)  $\sum [(y_i - \overline{y}) + (\overline{y} - \beta_i - \overline{\beta}_i, x_i)]^2$ E (4:-5) + (3,x-1,x:) + 2 (yi - y) ( \( \bar{\bar{\chi}}, \bar{\chi}, \bar{\chi}) \) Note Z(B, x - B, xi) B. E( X1-X)  $\sum (y_i - \hat{l_0} - \hat{l_1} x_i)$ = \(\Sigma(\frac{1}{2} 2 ( 4; -9) - P, Sxy. SSE = Syy - B, Sxy = Sxx - B, Sxx >) SSE ≤ Syy

