PRACTICAL SESSION 3

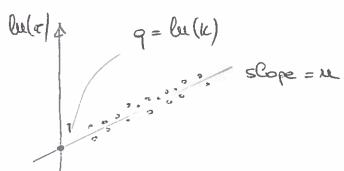
Exercise 1

$$lu(r) = lu(k) + u lu(a)$$

$$y = ao + as xs$$

$$\begin{cases}
y = lu(re) \\
a_0 = lu(k) \\
a_1 = lu(a)
\end{cases}$$

$$x_1 = lu(a)$$



* lu (a)

$$Y = \begin{bmatrix} bu(\pi) \end{bmatrix}$$

$$X = \begin{bmatrix} 1 & bu & G^{\circ} \end{bmatrix}$$

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$$\underbrace{X'X}_{\underline{A}} \underline{a} = \underbrace{X'Y}_{\underline{b}}$$

$$\underbrace{X'X}_{\underline{A}} \underline{a} = \underbrace{X'Y}_{\underline{b}} \implies \underline{A} \underline{a} = \underline{b} \qquad \underbrace{A - \underline{X'}_{\underline{A}}}_{\underline{b}}$$

$$\begin{vmatrix} A = X \\ A \end{vmatrix}$$

$$K = \exp(00) = 6.05 \cdot 10^{-3}$$

$$L_{CO} = 1.00$$

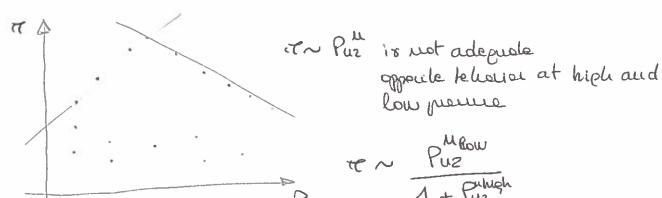
$$L_{H2} = 0.0168$$

$$R^2 = 0.02$$

very bod mesolet not adequale

Look at experimental lala





Hypotheris:
$$r = b_1 \cdot P_{co} \cdot P_{K2}$$
 $1 + b_2 \cdot P_{K2}$

5 paramaeters
$$\begin{cases}
a_1 = \text{lesb}_1 \\
a_2 = \text{lesb}_2
\end{cases}$$

$$a_3 = \text{lesb}_3$$

$$a_4 = \text{lesb}_4$$

$$a_4 = \text{lesb}_4$$

$$a_5 = \text{lesb}_4$$

but the

uon linear repression analysis / 2 independent variables (XI = Poo (X2 = PM2)

$$y = a_1 + a_2 l_1(x_1) + a_3 l_2(x_2) - l_2(1 + a_5 x_2)$$