MULTIPLE FEATURES

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MULTIPLE FEATURES PER LA REGRESSIONE LINEARE

Essenzialmente abbiamo parlato della regressione lineare con una variabile indipendente sola

Ora l'ipotesi che andiamo a fare è la seguente se abbiamo piu variabili indipendenti?

FEATURES == VARIABILI

INDIPENDENTI

$$\begin{aligned}
& \left(\begin{array}{c} \left(\begin{array}{c} \left(i \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) \\ \end{array} \right) = \left(\begin{array}{c} \left(\begin{array}{c} i \end{array} \right) = \left(\begin{array}{c} i \end{array} \right) =$$

$$=\begin{bmatrix} t_0 \\ x_1 \\ t_2 \\ x_3 \\ \vdots \\ x_m \end{bmatrix} \in \begin{bmatrix} h_1 \\ \theta_1 \\ \theta_2 \\ \vdots \\ \theta_n \end{bmatrix} \in \begin{bmatrix} h_1 \\ \theta_1 \\ \theta_2 \\ \vdots \\ \theta_n \end{bmatrix}$$

Ora poiche il vettore X è un vettore [1 + (n+1)]dobbiamo fare la trasposta di x o comunque dell'altro vettore

QUINDI FACOURD IL PRODOTTO Schore o Menono