Python Can do 107 Gladations in 1 sec.

Q (tool) = (X T. X) , X T. Y Biggest (daulation in 2 (x<sup>7</sup>)

Mxn

Mxn

this means that - for a data set of LOUO rous l'Ifrahir will traho 100 seconds to solve by normal equation mothod.

(10) (1) [10000] = 10 se 27.7 Hows Normal equation mothed Juils mismably y - 10, 1, + 0, 21, +   $MSE = \frac{1}{m} \sum_{i=1}^{m} (\hat{y} - \hat{y})^{T}$  $\frac{1}{2} = \frac{1}{2} \left( \frac{1}{2} - \frac{1}{2} \right)$  $\frac{\partial}{\partial x} \left( MSE(0) \right) = \frac{2}{m} \left( \frac{\partial}{\partial x} \mathcal{N} - \mathcal{Y} \right) \left( \frac{\partial}{\partial x} \mathcal{N} - \frac{\partial}{\partial x} \mathcal{N} \right)$ N 3 Z =2 $\frac{m}{2}$ (0n-y)n

MSE = Someths