$\begin{cases} a_{11} & a_{12} \\ a_{21} & a_{22} \end{cases}$ A :: = "inj ontory" in the ith row of it when vector is a not metrix y; is the in chunt.

1-intered vector: [42); O-indexed: [40] (compare aways 1- programming what is Addition = Michices need to be of the same 105 | 42 | - K507 Lines San Matorx vetos multiplication $\begin{pmatrix} 1 & 3 \\ 4 & 0 \end{pmatrix} \begin{pmatrix} 1 \\ 3 \\ 4 & 1 + 0 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 4 & 1 + 0 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 4 & 1 + 0 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 2 & 1 + 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 3 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\$ - m-dim The has hal matrix to get y" multiply A's ith row with elements rector a and show them up. Assure we're hardly a feature $\alpha = \begin{bmatrix} 2104 \\ 957 \end{bmatrix}$ and a hypothesis function hp(x)=-40+025x How can we calculate ho (xi) ush matrix umbiplication? Answer 30 1 2104) x (-40) = [-40 1 + 0.75 2104) no need for Cooping 1 1406 | X 0.25] = [-40 1 + 0.75 1416 | Depoing to the prediction of Data Matrix of Parameter