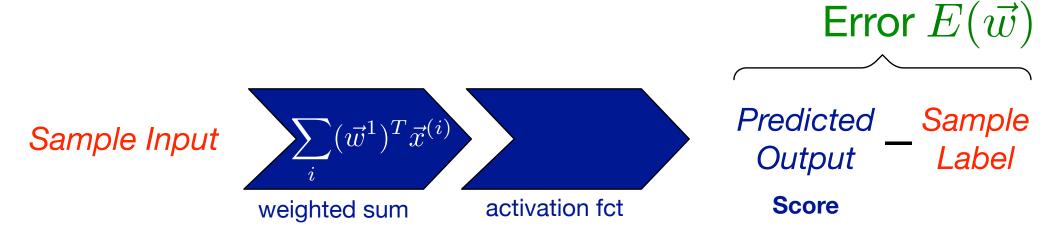


$$\mathbf{a}(\vec{x}) = \vec{w}^T \vec{x} = \begin{pmatrix} \mathbf{w}_0 & w_1 & w_2 \end{pmatrix} \begin{pmatrix} \mathbf{1} \\ x_A \\ x_B \end{pmatrix} \Leftrightarrow$$



## Forward = Computation