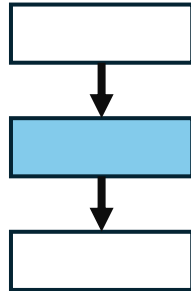


$$Y_{LDA} = W \cdot y_{FS}$$



$$\begin{bmatrix} Y_{LDA\_1} \\ \vdots \\ Y_{LDA\_k} \end{bmatrix} = \begin{bmatrix} W_{11} & \cdots & W_{1i} \\ \vdots & \ddots & \vdots \\ W_{k1} & \cdots & W_{ki} \end{bmatrix} \cdot \begin{bmatrix} y_{FS\_1} \\ \vdots \\ y_{FS\_i} \end{bmatrix}$$



### NN-Layer Legend



**Input/Output**



**Fully Connected**