

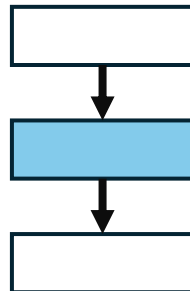
$$y_{FS} = y_{FE}(ind_{FS})$$



**Decreasing
Feature Ranking**

$$\begin{bmatrix} y_{FS1} \\ \vdots \\ y_{FS_k} \end{bmatrix} = \underbrace{\begin{bmatrix} 1 & \dots & 0 & 0 & \dots & 0 & 0 & \dots & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \dots & 0 & 1 & \dots & 0 & 0 & 0 \\ \vdots & \vdots & \vdots & \vdots & \vdots & \vdots & \vdots & \dots & 0 & \vdots & \vdots \\ 0 & 0 & 0 & 0 & \dots & 0 & 0 & \dots & 0 & 1 & \dots & 0 \end{bmatrix}}_{\text{Number of Feature}} \cdot \begin{bmatrix} y_{FE_1} \\ \vdots \\ y_{FE_i} \end{bmatrix}$$

Number of Feature



NN-Layer Legend



Input/Output



Fully Connected