

$$\begin{array}{l} \text{row} = \left[\begin{array}{c|c|c|c} 1 & 0 & 0 & 1 \end{array} \right] \\ \text{val} = \left[\begin{array}{c|c|c} 3 & 1 & 2 \\ \hline & & 4 \end{array} \right] \\ \begin{array}{ccc} \text{col } 0 & \text{col } 1 & \text{col } 2 \end{array} \end{array}$$

$$\begin{array}{l} \text{ind} = \left[\begin{array}{c|c|c|c} 0 & 1 & 2 & 4 \\ \hline & & & 4 \end{array} \right] \\ \begin{array}{cccc} \text{col } 0 & \text{col } 1 & \text{col } 2 & \text{col } 3 \end{array} \end{array}$$