

$$\begin{array}{c}
 \left[\begin{array}{ccccc}
 x_{i-4} & x_{i-3} & x_{i-2} & x_{i-1} & x_i
 \end{array} \right] \\
 \begin{array}{c}
 \nearrow \frac{1}{5} \\
 \nearrow \frac{1}{5} \\
 \nearrow \frac{1}{5} \\
 \nearrow \frac{1}{5} \\
 \nearrow \frac{1}{5}
 \end{array}
 \end{array}$$

"Moving Average" Matrix

$$\frac{1}{5} x_{i-4} + \frac{1}{5} x_{i-3} + \frac{1}{5} x_{i-2} + \frac{1}{5} x_{i-1} + \frac{1}{5} x_i$$

$$= \frac{1}{5} \sum_{h=0}^4 x_{i-h}$$