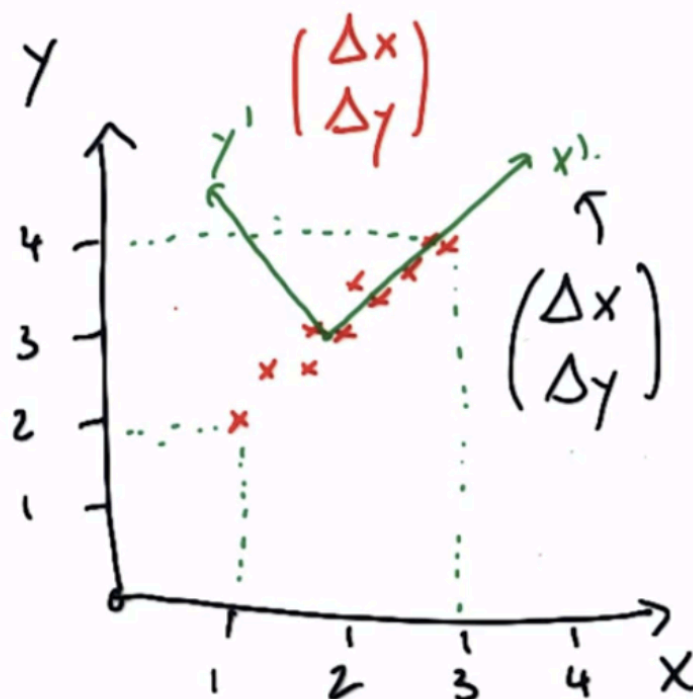


PRINCIPAL COMPONENT ANALYSIS - PCA



$$x = \begin{bmatrix} 2 \end{bmatrix}$$

$$y = \begin{bmatrix} 3 \end{bmatrix}$$

$$\Delta x = 1$$

$$\Delta y = \begin{bmatrix} 1 \end{bmatrix}$$

$$\Delta x = -1$$

$$\Delta y = 1$$