

$$b = \frac{\sum (x - m_x)(y - m_y)}{SS_x}$$

$$a = m_y - b m_x$$

$$b = \frac{210}{56} = 3.75$$

$$a = 73 - 3.75 \cdot 6 = 50.5$$

$$\hat{T}_{est} = 3.75 (\text{Hours}) + 50.5$$