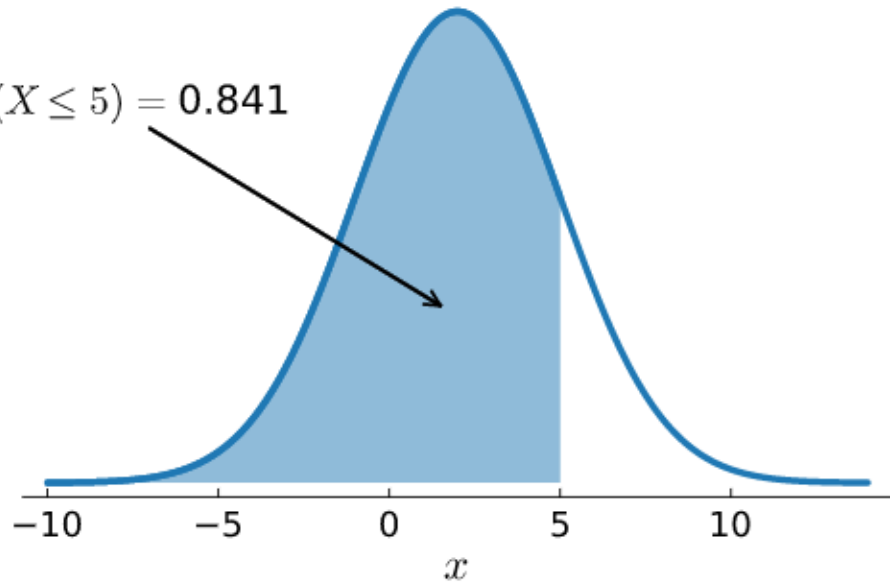


$$X \sim N(\mu = 2, \sigma = 3)$$

$$P(X \leq 5) = 0.841$$



$$Z = \frac{X - \mu}{\sigma}$$

$$Z \sim N(0, 1)$$

$$P(Z \leq 1) = 0.841$$

