Linear Regression

$$y = b_0 + b_1 * x_1$$
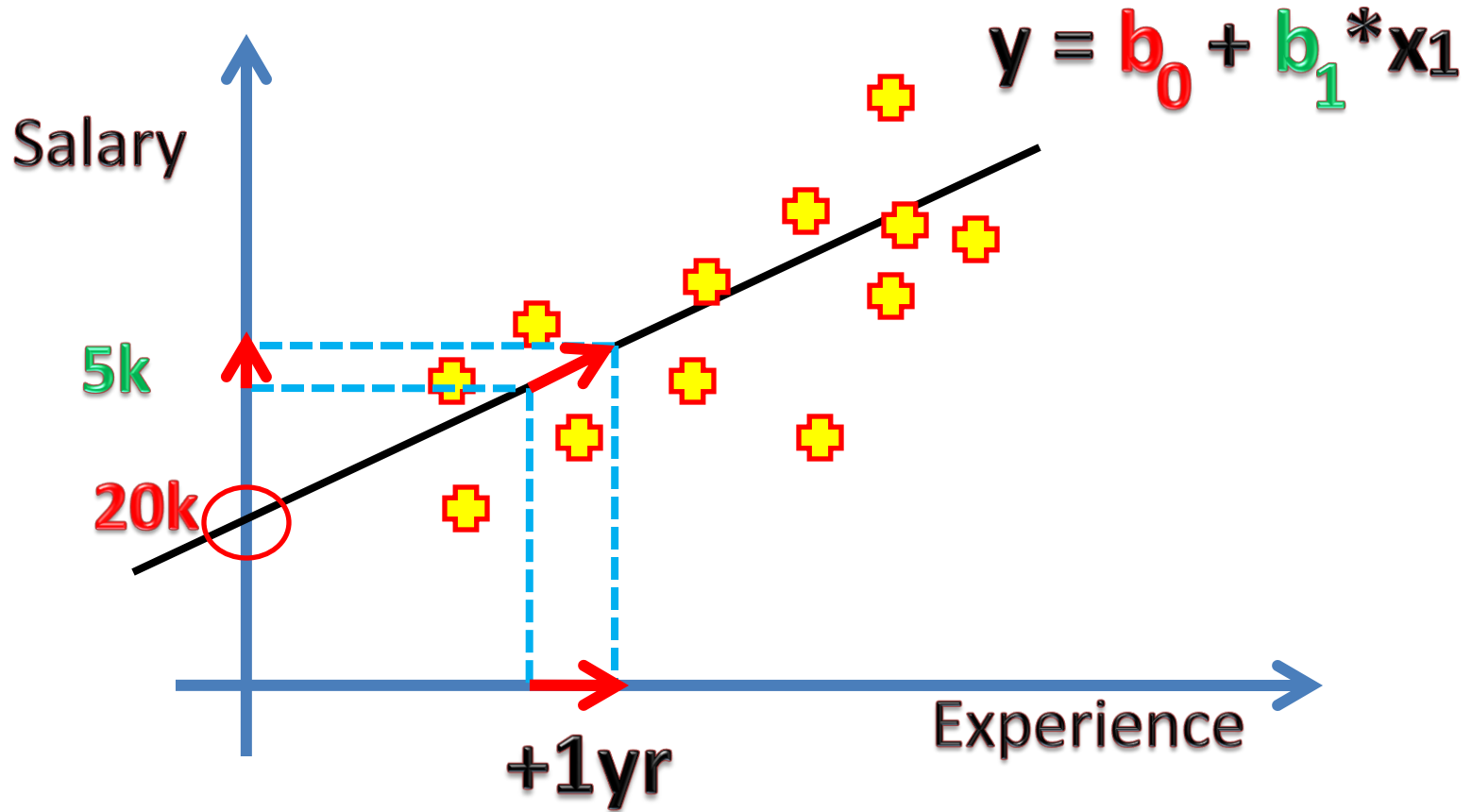
y is the dependent variable
x1 is independent variable
b1 is coefficient of X or the slope of
the line
b0 is the constant called intercept

Linear Regression

$$y = b_0 + b_1 * x_1$$

Salary

5k

20k

+1yr

Experience

Linear Regression

SUM $(y - \hat{y})^2$ -> min