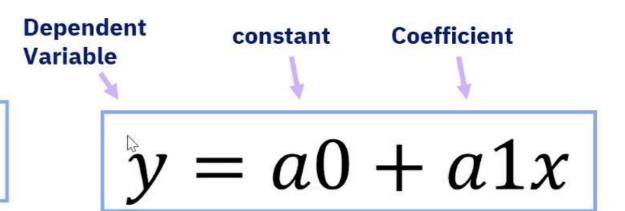
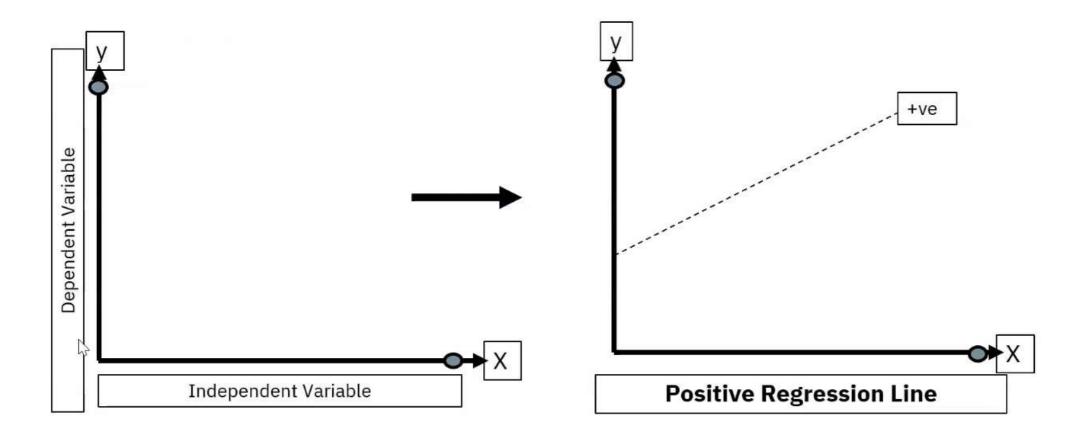
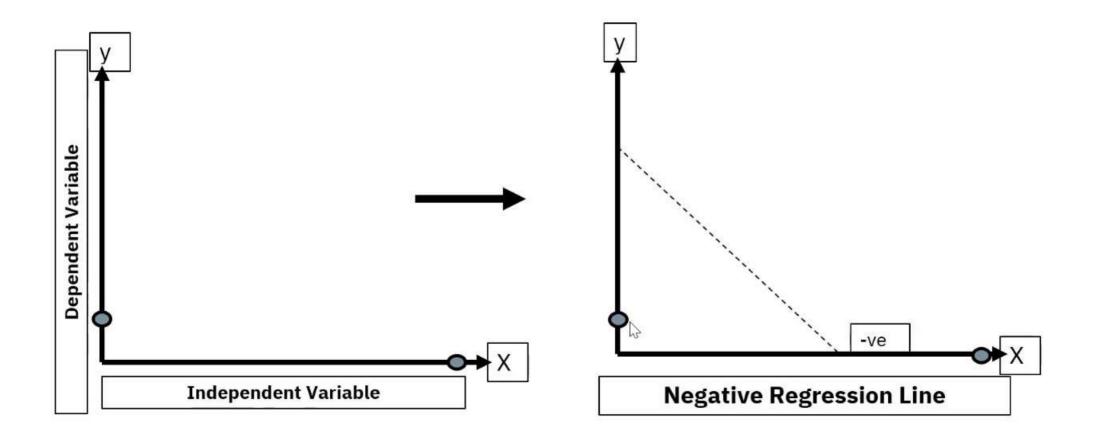
Let's Consider the Equation of a Straight-line

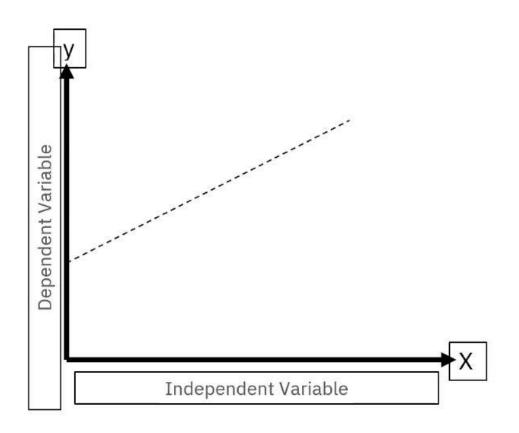
Linear Regression

$$y = mx + c$$



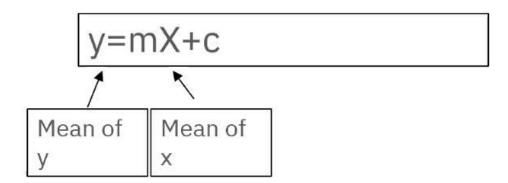




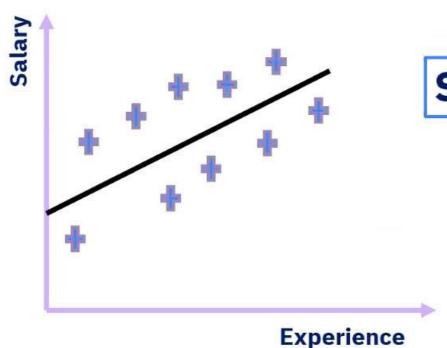


x^=mean of independent variable
Y^ =mean of dependent variable
m= Slope os the line
c = constant

$$m = \sum \frac{(x - \dot{x})(y - \dot{y})}{(x - \dot{x})^2}$$

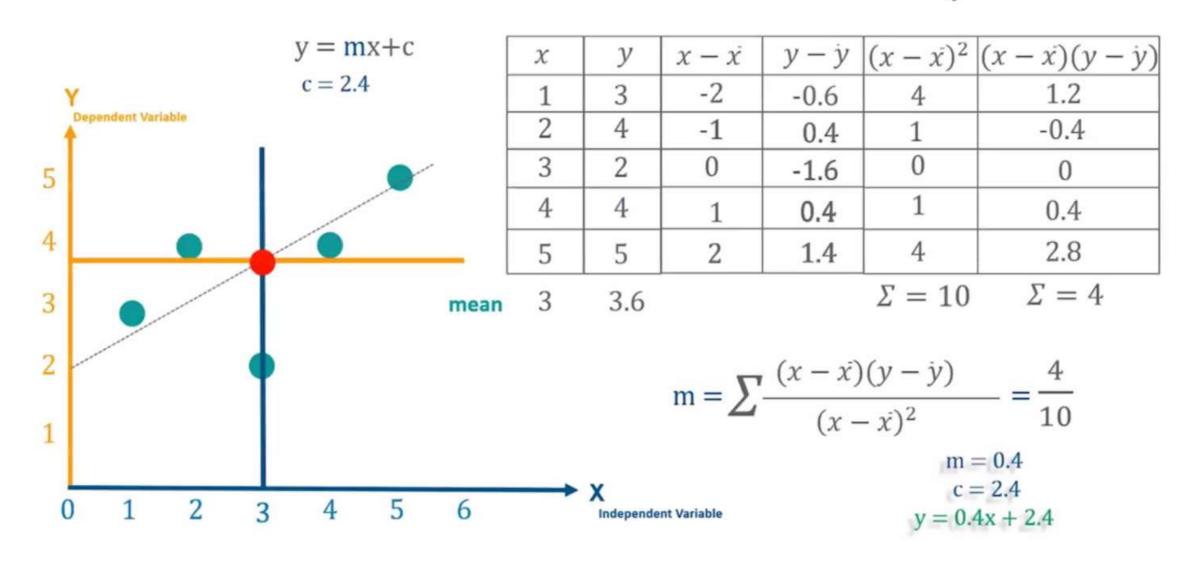


Linear Regression



y = a0 + a1 * X

Salary= a0 + a1 * Experience



Linear Regression

