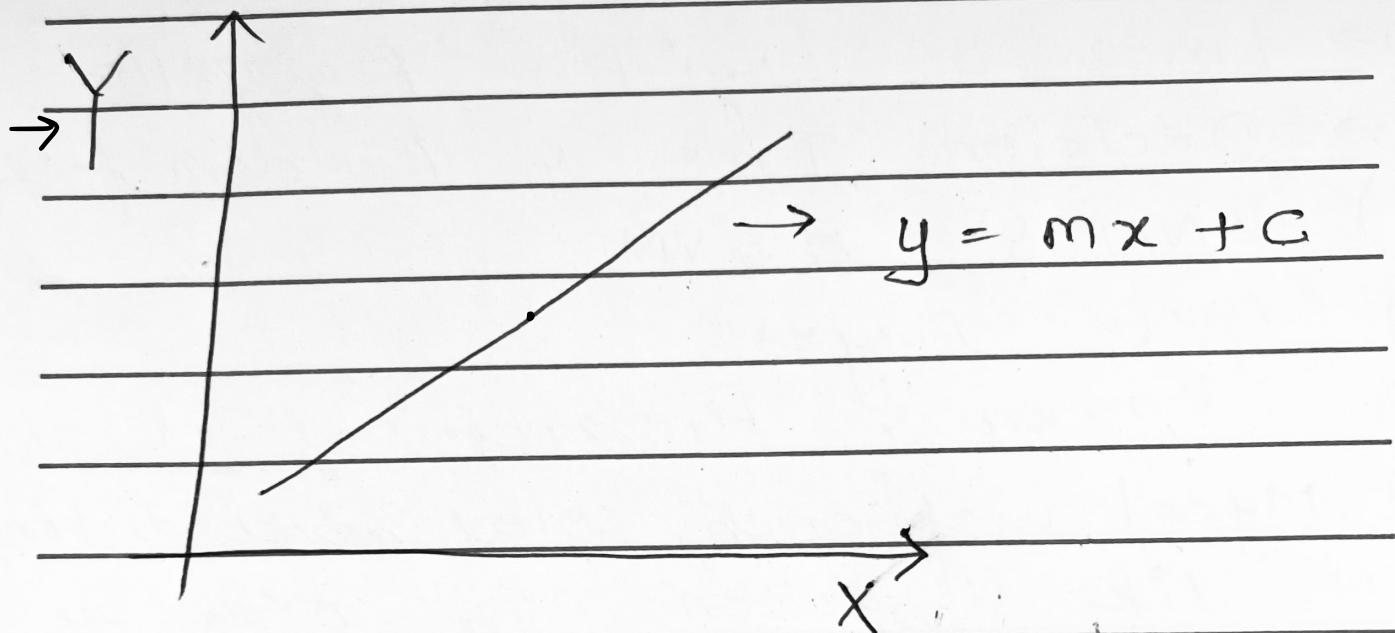
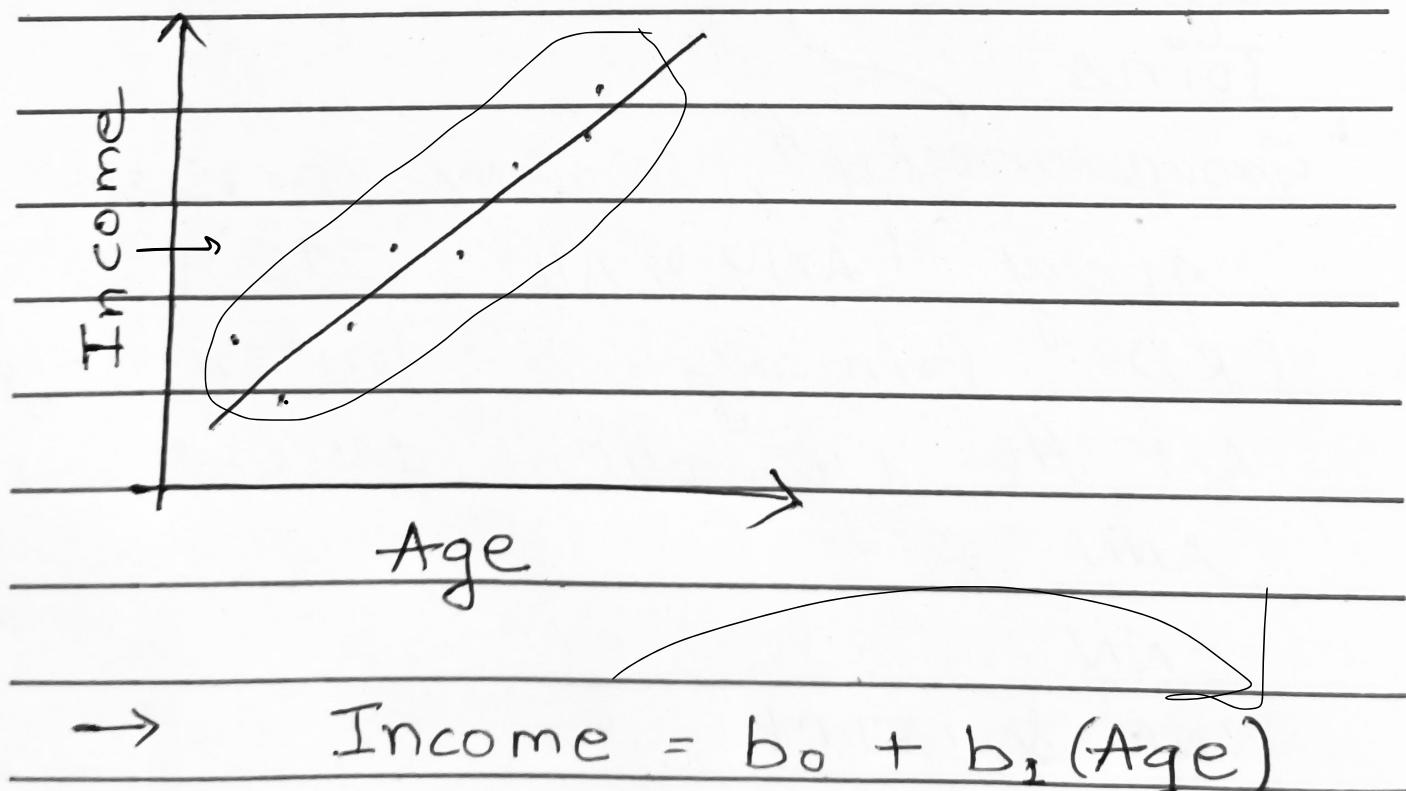


# Simple Linear Regression

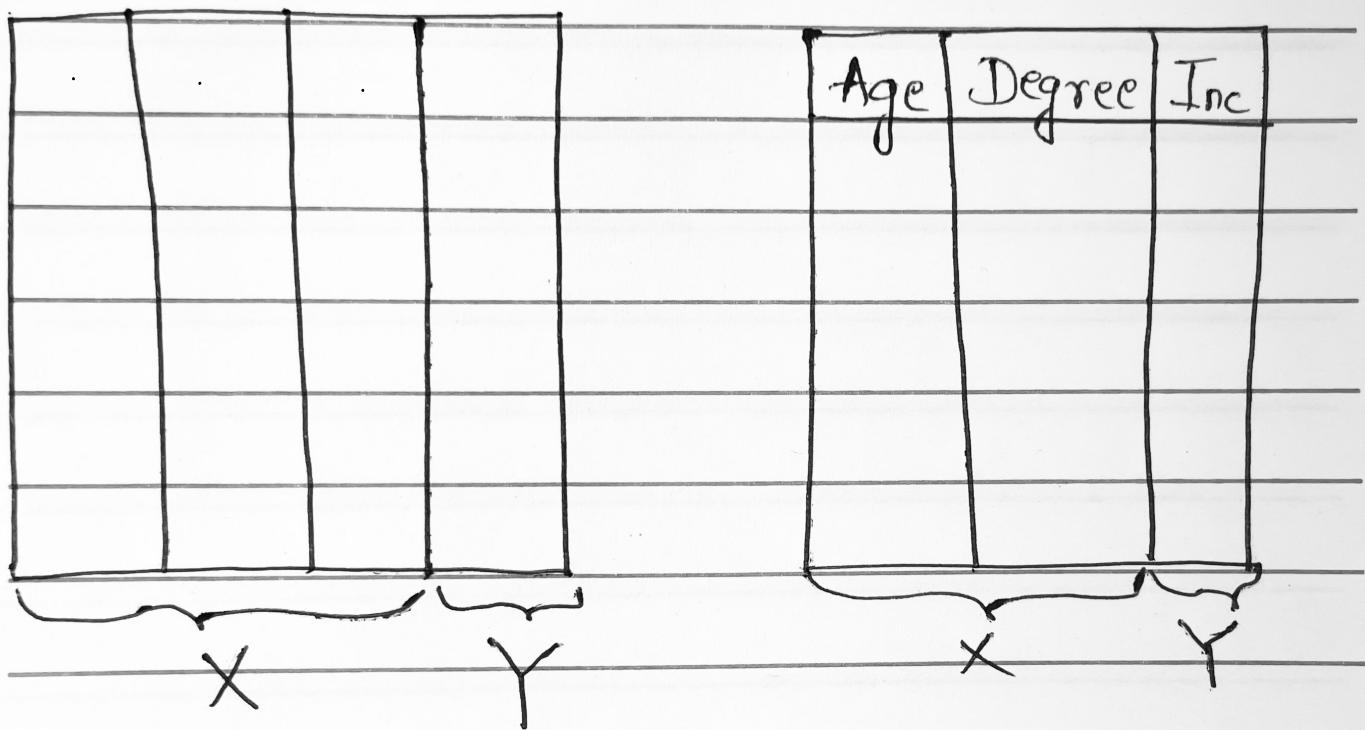


$$\rightarrow y = b_0 + b_1 X$$



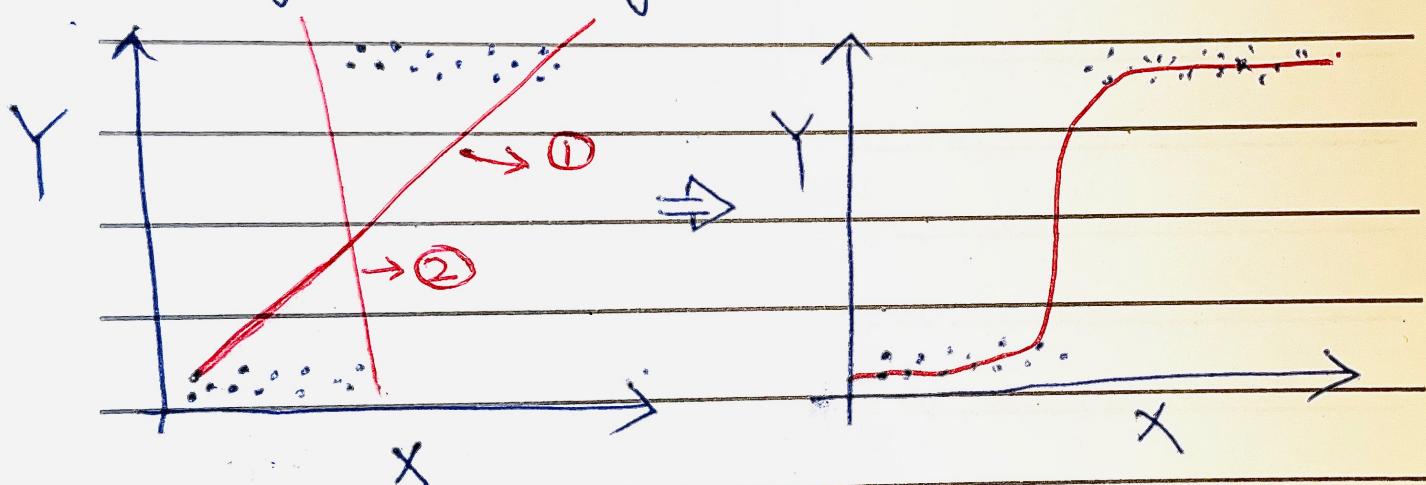
$$\rightarrow \text{Income} = b_0 + b_1 (\text{Age})$$

## Multiple Linear Regression



$$\text{Income} = b_0 + b_1 (\text{Age}) + b_2 (\text{Degree})$$

## Logistic Regression



$$y = \frac{1}{1 + e^{-x}}$$