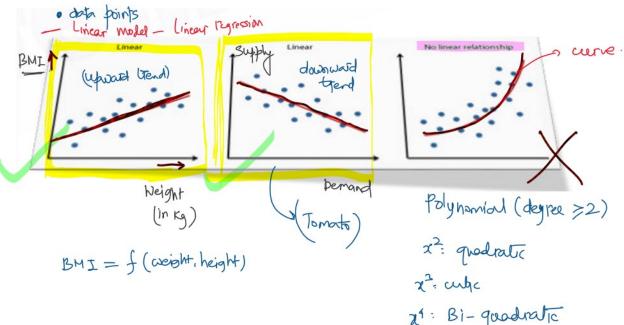
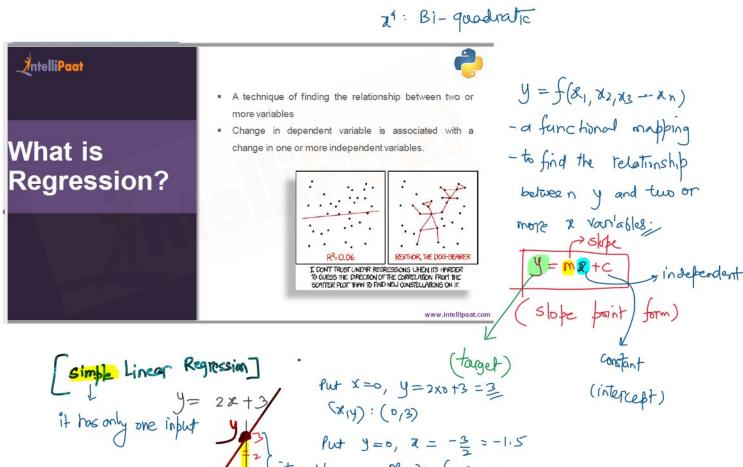
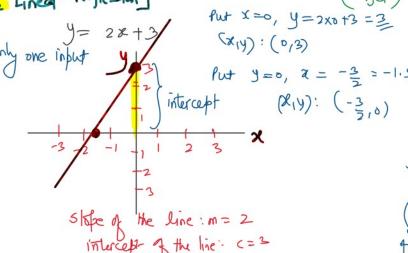
## Linear Regression

11 February 2024 22:15







Slope of the line: m= 2 intercept of the line: c= 3 (Multiple Linear Regression) y = 3 + 28 + 582 + 37 23 - 0-8 24

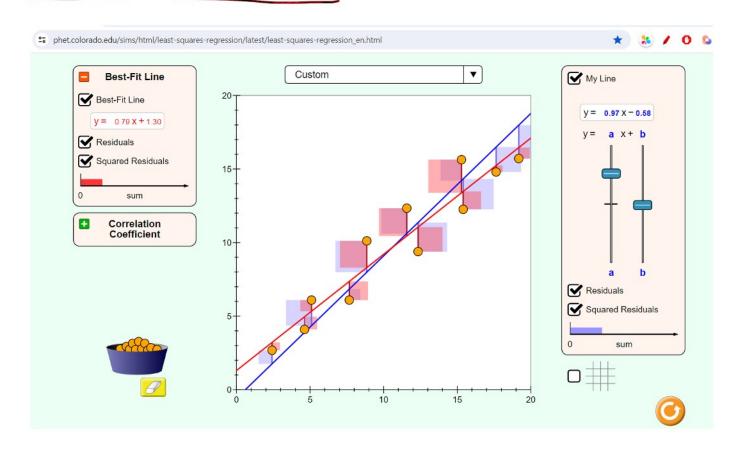
 $\frac{dy}{dx} = 2$ 

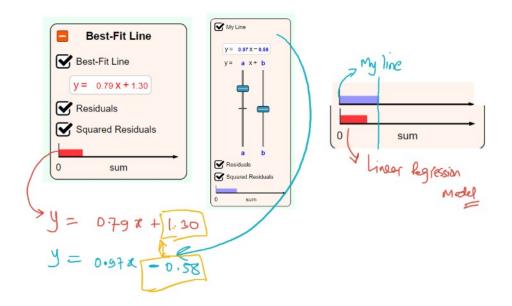
First order derivative is slope which is ?:

## Notalions

2: input variable features independent predictor
y: output variable target dependent response.

## Intuition behind linear Regression:





## Least-Squares Regression

