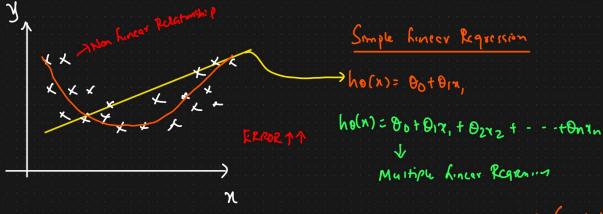
## Polynomial Regression



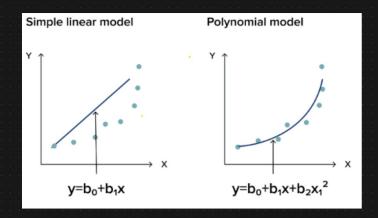
polynomial Dyrccs

ho(2)= 00+01x,

ho(1)= 00 2, + 0, x, =) Simple Rineer Regner

ho(n)= 00 x + 01x + 02x ho(n) = 00x1, + 01x, +02x, 2+02x,3

ho(a) = 000, + 0, x, + 022 + ---+ Onzin



## Polynomial Regression Multiple

ho(x)= Ooto1x,+ Ozx2 + O3x3 & Multiple Linear Regionin)

Polynomial Degree = 2

ho(n) = 00 + 012, + 022+ 032+ 042+ 052+ 0623