

① Supervised ML

- Regression
  - o/p or dependent feature → continuous
- classification
  - o/p or dependent feature → categorical

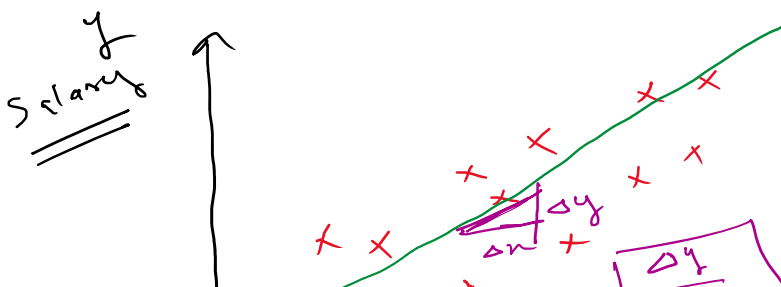
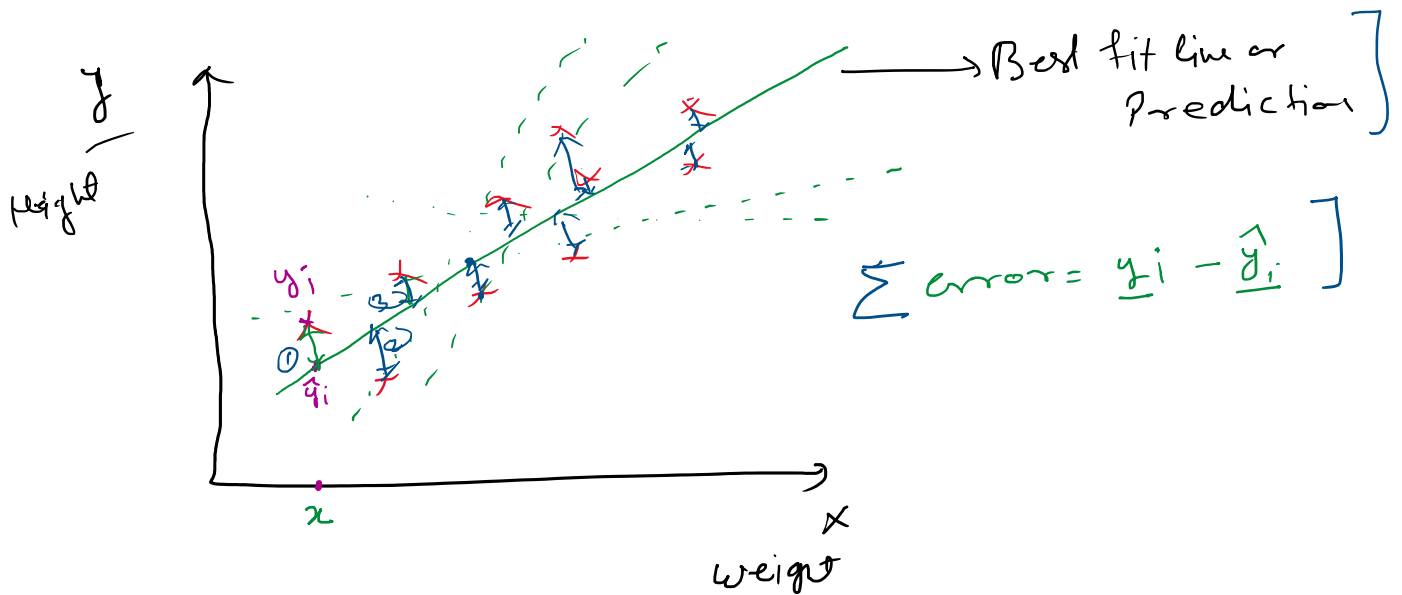
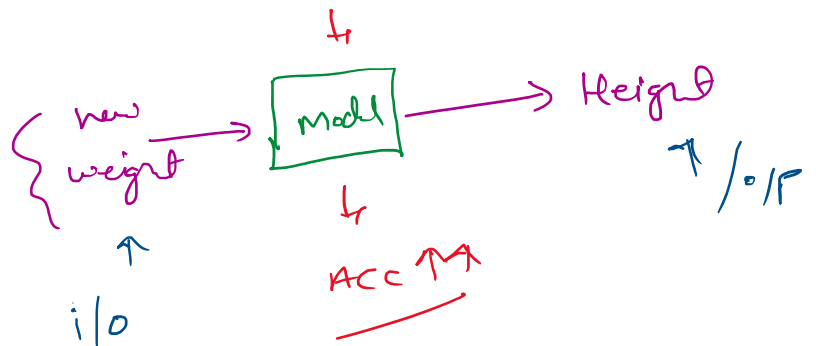
Dataset

↳ I/P features independent

Weight	Height
74	174
80	181
60	165
75	170
-	-
-	-
-	-

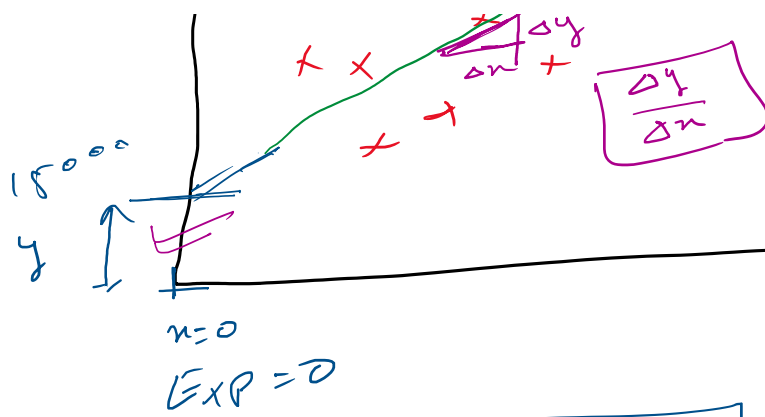
→ o/p features dependent

Train dataset



$$\hat{y} = mx + c$$

$$\hat{y} = \beta_0 + \beta_1 x$$



$$\hat{y} = \beta_0 + \beta_1 x$$

$$h_{\theta}(x) = \theta_0 + \theta_1 x$$

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$\theta_0 \Rightarrow$  Intercept

$\theta_1 \Rightarrow$  slope or coefficient