-> Why

-> What

-> How

~ Data is dispersed
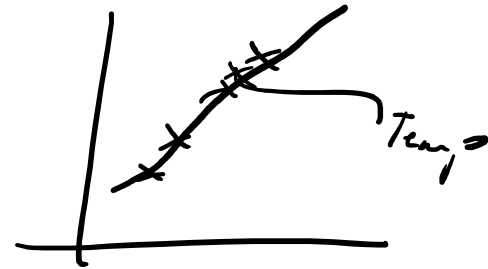
Hypothesis ~ Rectification

Learning — Accumulation of Knowledge

Pattern

Parametric   Non-Parametric

Classification   Regression
(Discrete)   (Continuous)

Independent

$\downarrow$
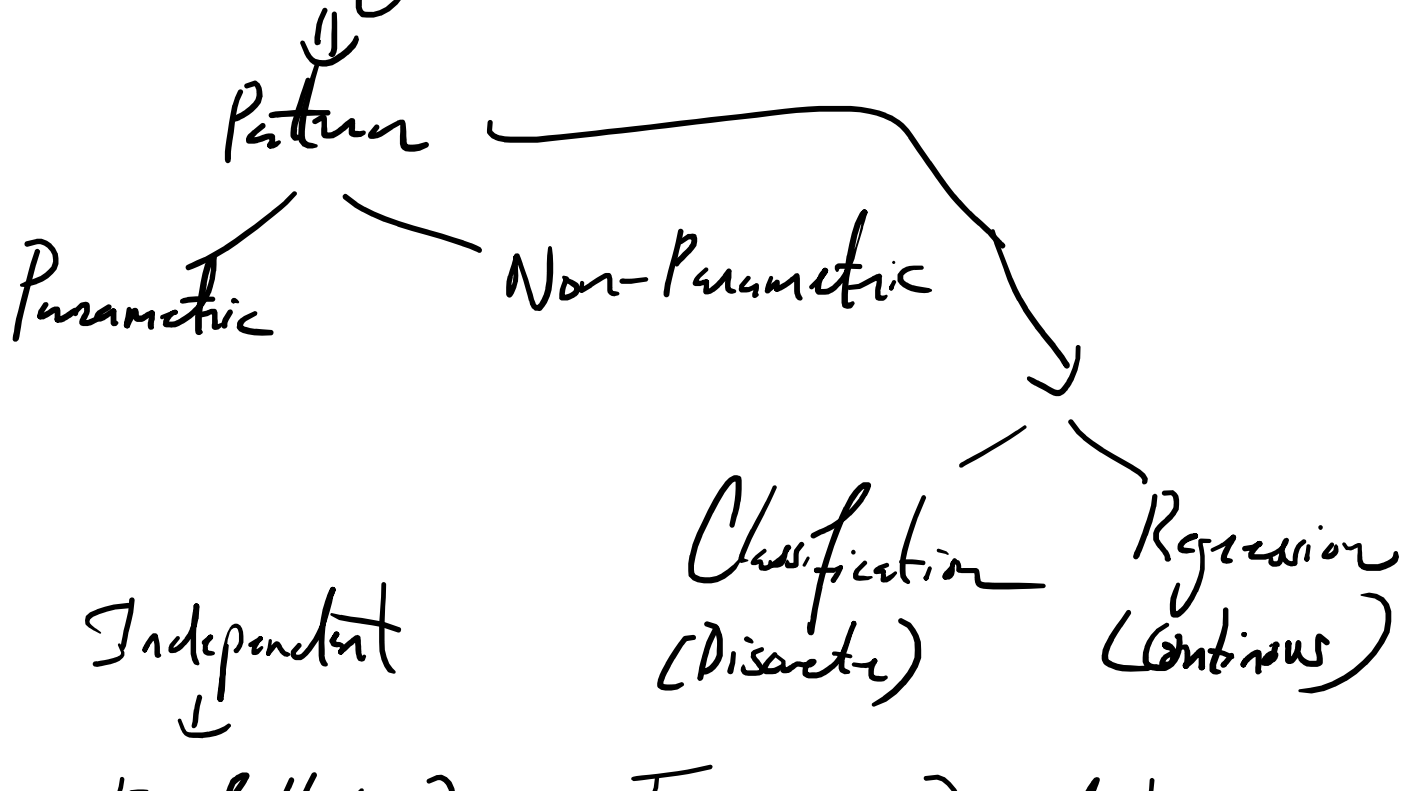
→ Rainfall (cm)   Temp is Dependent

Rainfall (cm)	Temp
100	32
90	31
80	30
70	29

(Temp)
dependent

$$y = mx + b$$

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

independent
(Rainfall)

Parameters