Lecture - 5 Probabilistic classifier of discriminative tunction regression

Conceptual Notion

The model used for classification is a probabilist

Signat: Strein = $\{(x_i, y_i)\}_{i=1}^N$ $y_i \in \{c_1, c_2, c_j\}$

God: b: X -> Y

for each class, estimate

P(y = C; /X, Strain)

$$\frac{|C_1|}{|C_2|} = h(x)$$

$$= \frac{|C_2|}{|C_3|} = h(x)$$

$$= \frac{|C_3|}{|C_3|} = h(x)$$

$$= \frac{|C_3|}{|C_3$$

Probabilistic Models

Generative Discriminative 22

