ENTREGA 2.2

Ezoracio 4

Desde la teoria de la tecnion de detección

$$\frac{1}{P(B/X)} = \frac{P(X|A)}{P(X|B)} > \frac{P(B)}{P(A)}$$

$$L(x) = \frac{P(A|X)}{P(B|X)} = \frac{P(X|A)P(A)}{P(X|B)P(B)}$$

$$\log ((\alpha)) = \log \left( \frac{P(A|X)}{P(B|X)} \right) = \log \left( \frac{P(x|A)P(A)}{P(x|B)P(B)} \right) = W_{X+W_0}^T$$

\* Se asome modele lineal en Lay (las)

$$\frac{1}{P(B|X)} = \frac{P(X|A) P(A)}{P(X|B) P(B)}$$

$$\frac{P(B|X)}{P(B|X)} = \frac{P(X|A) P(A)}{P(X|B) P(B)}$$

$$\frac{P(B|X)}{P(A|X)} = \frac{1 - P(A|X)}{P(A|X)} \frac{P(A|X) P(A)}{P(X|A) P(A)}$$

$$\frac{P(X|B) P(B)}{P(X|B) P(B)}$$

$$\frac{P(X|B) P(B)}{P(X|B) P(B)}$$

$$\frac{P(X|B) P(B)}{P(A|X)} = \frac{P(A|X)}{P(X|B) P(B)}$$

$$\frac{P(A|X)}{P(A|X)} = \frac{e^{w_{X} + w_{X}}}{1 + e^{w_{X}} + w_{X}}$$

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