#2.2 Logistic Regression

y hat

Outside Quant y = P(y=1|x) $x \in \mathbb{R}^{n_x}$ $0 \le y \le 1$

Parameters:
$$W = \mathbb{R}^{n_{x}}$$
, $b \in \mathbb{R}$

an interceptor

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Signoid func
$$T(2) = 1 + e^{-2}$$