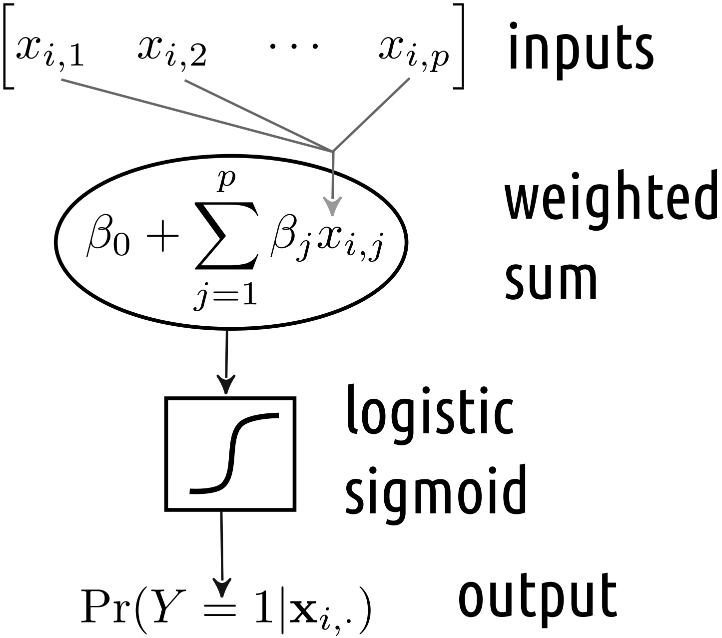
$\left[x_{i,1} \quad x_{i,2} \quad \cdots \quad x_{i,p} \right]$
inputs
$\beta_0 + \sum_{j=1}^{p} \beta_j x_{i,j}$
weighted sum
logistic sigmoid
$\Pr(Y = 1 | \mathbf{x}_{i,\cdot})$
output