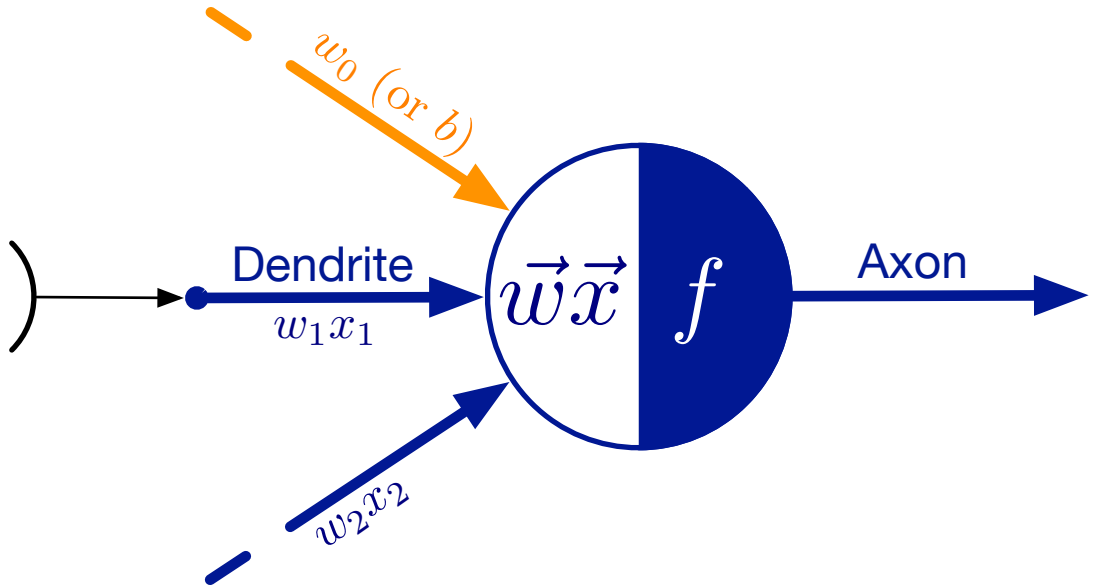

Error $E(\vec{w})$

Sample Input

$\sum_i w_i x_i + b$

$f(\dots)$

Predicted Output − *Sample Label*

weighted sum

activation fct

Score

Forward = Computation