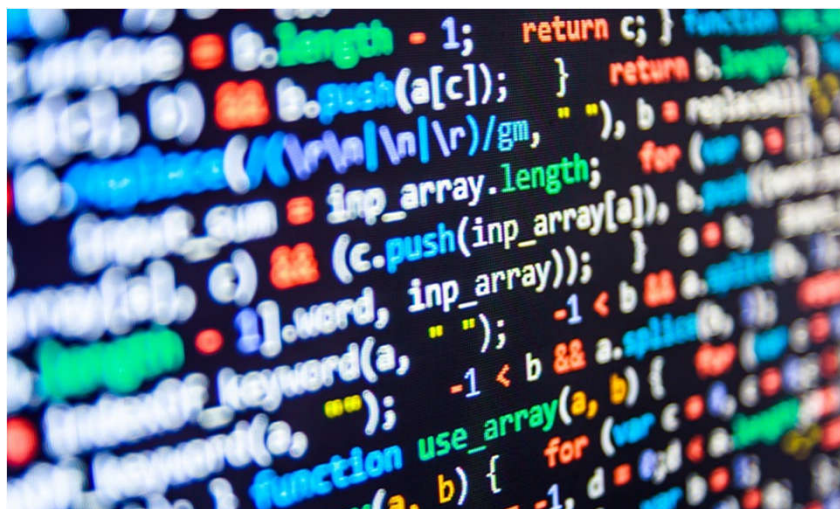


# Como as RNA aprendem?

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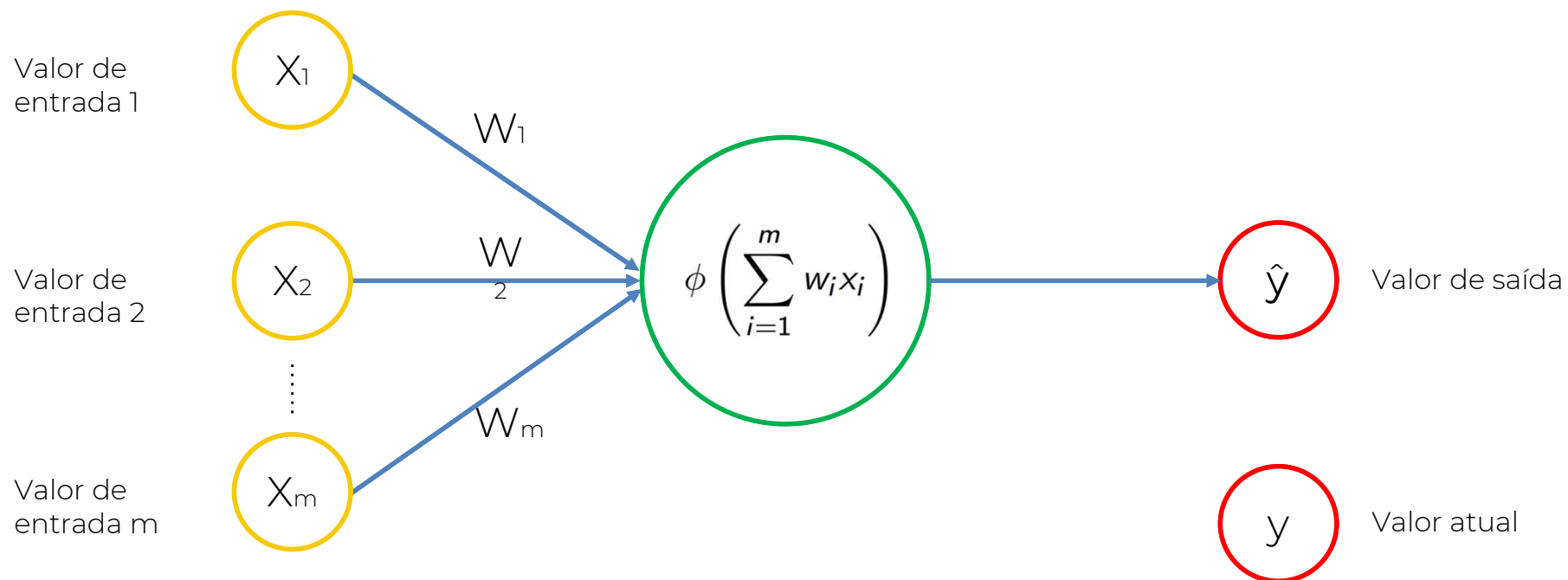
# Como as redes neurais aprendem?

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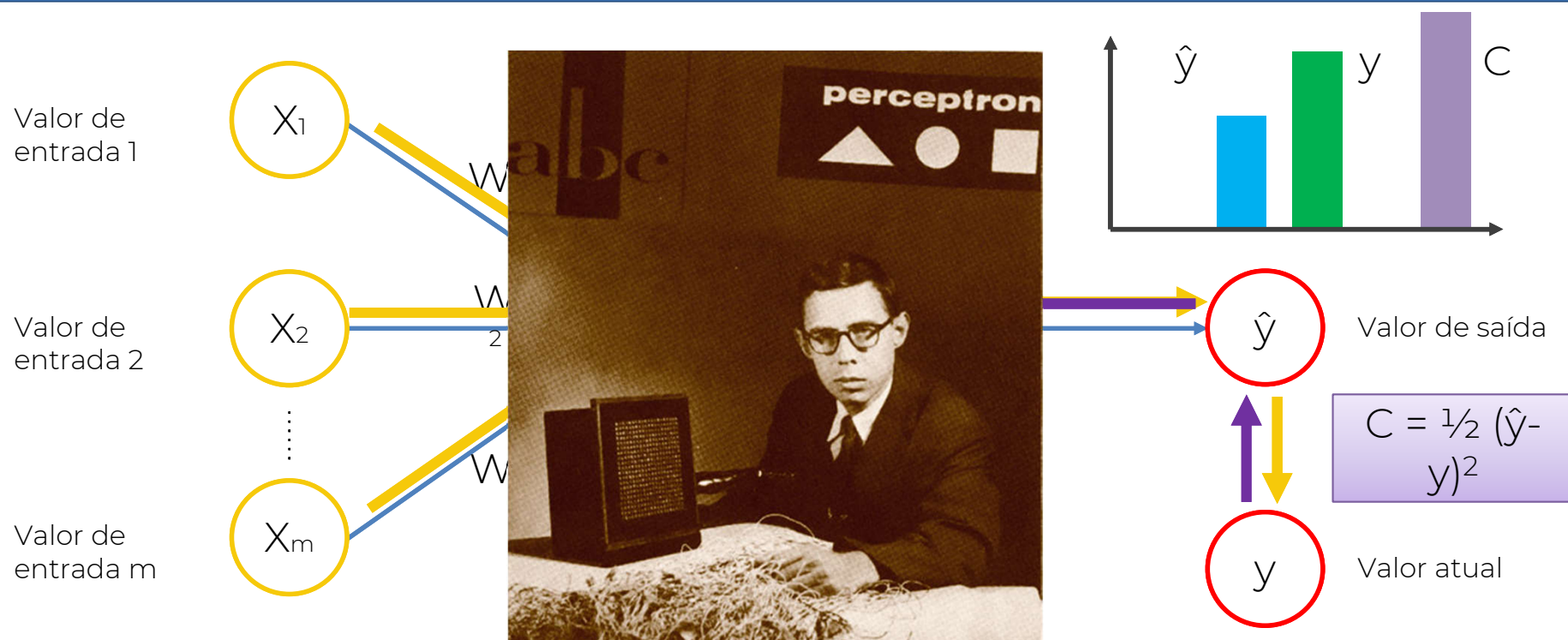


# Como as redes neurais aprendem?

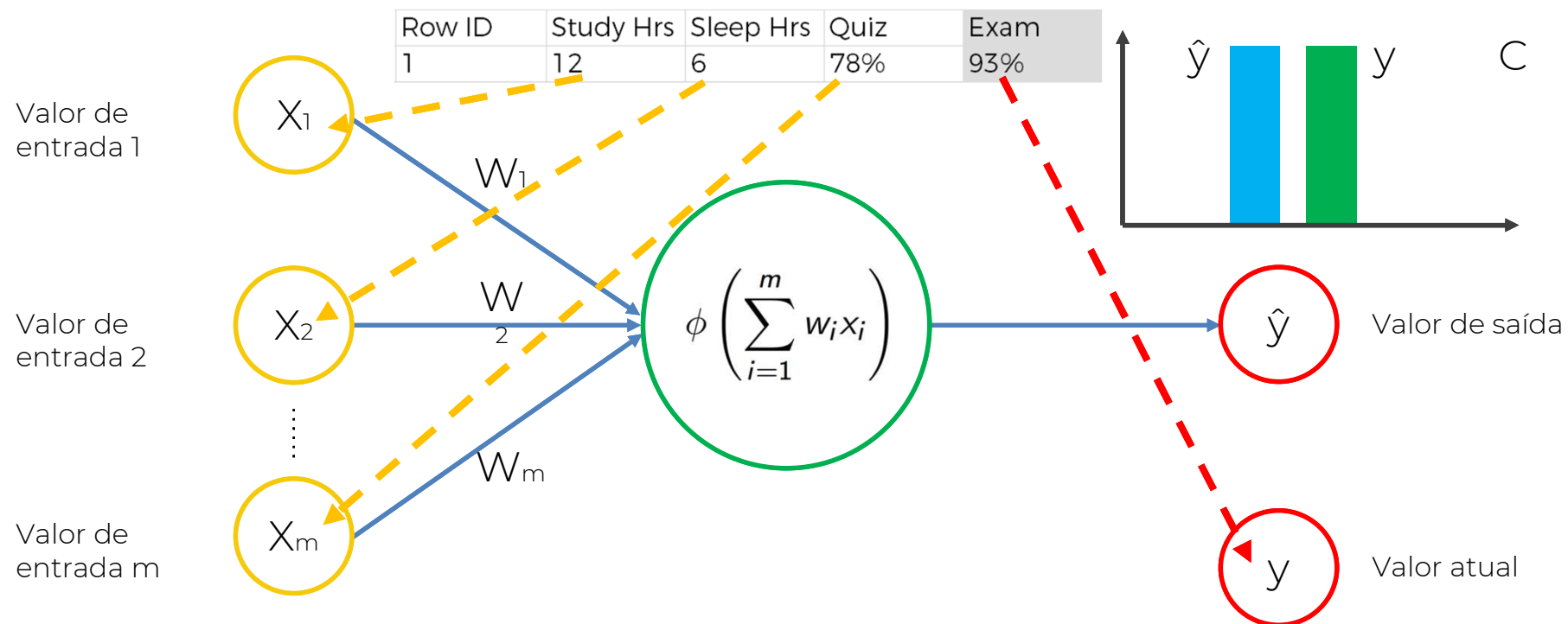
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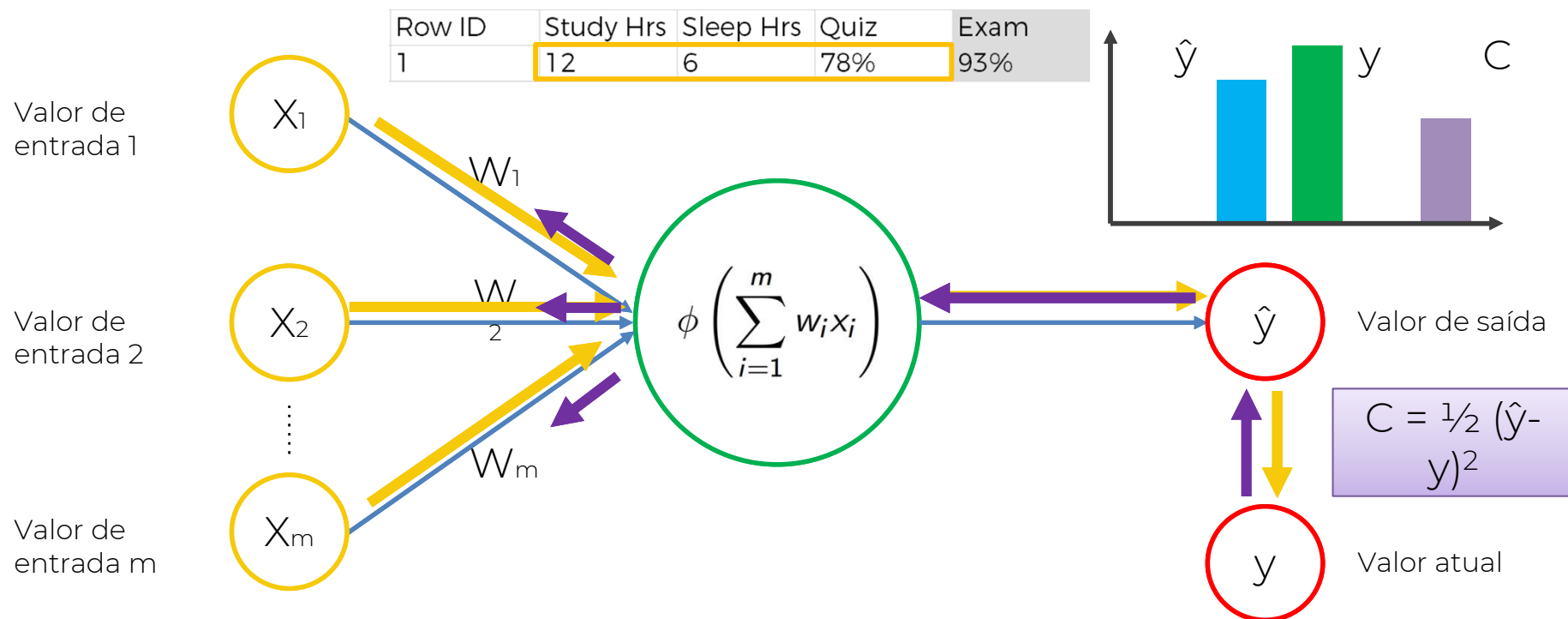
# Como as redes neurais aprendem?



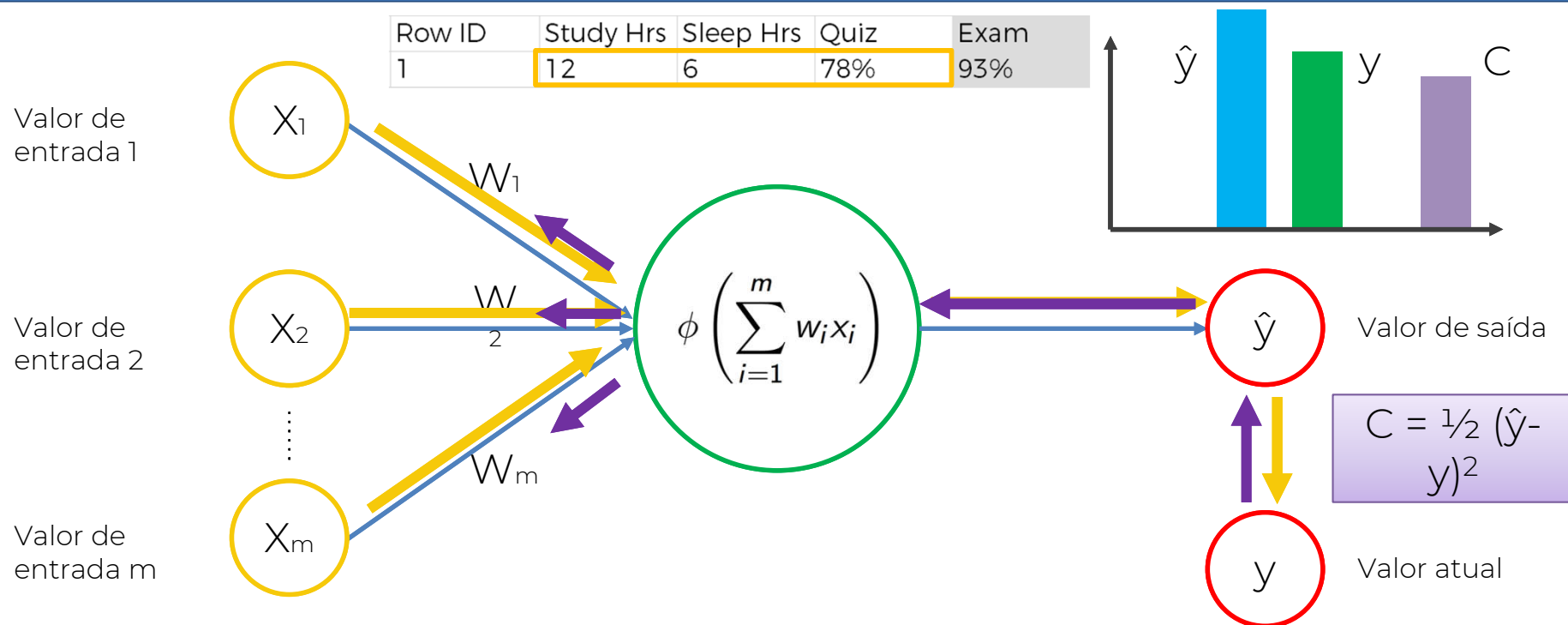
# Como as redes neurais aprendem?



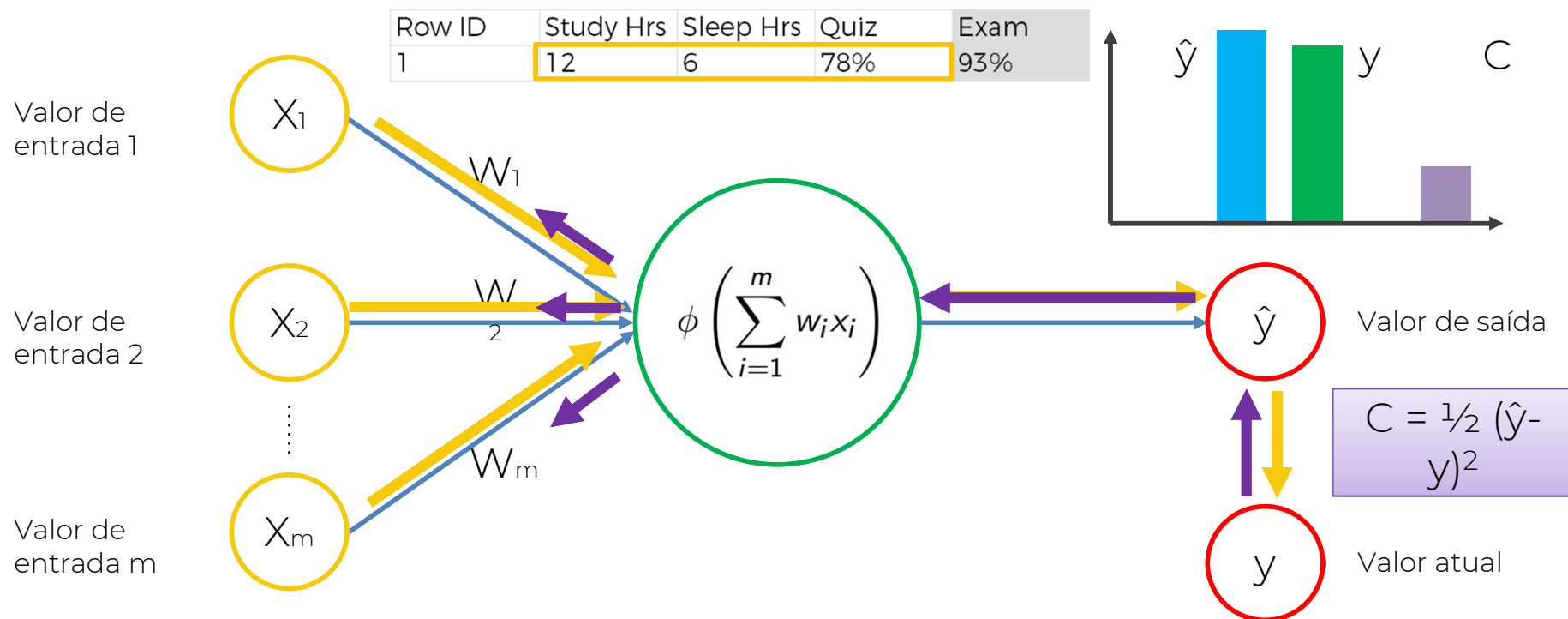
# Como as redes neurais aprendem?



# Como as redes neurais aprendem?

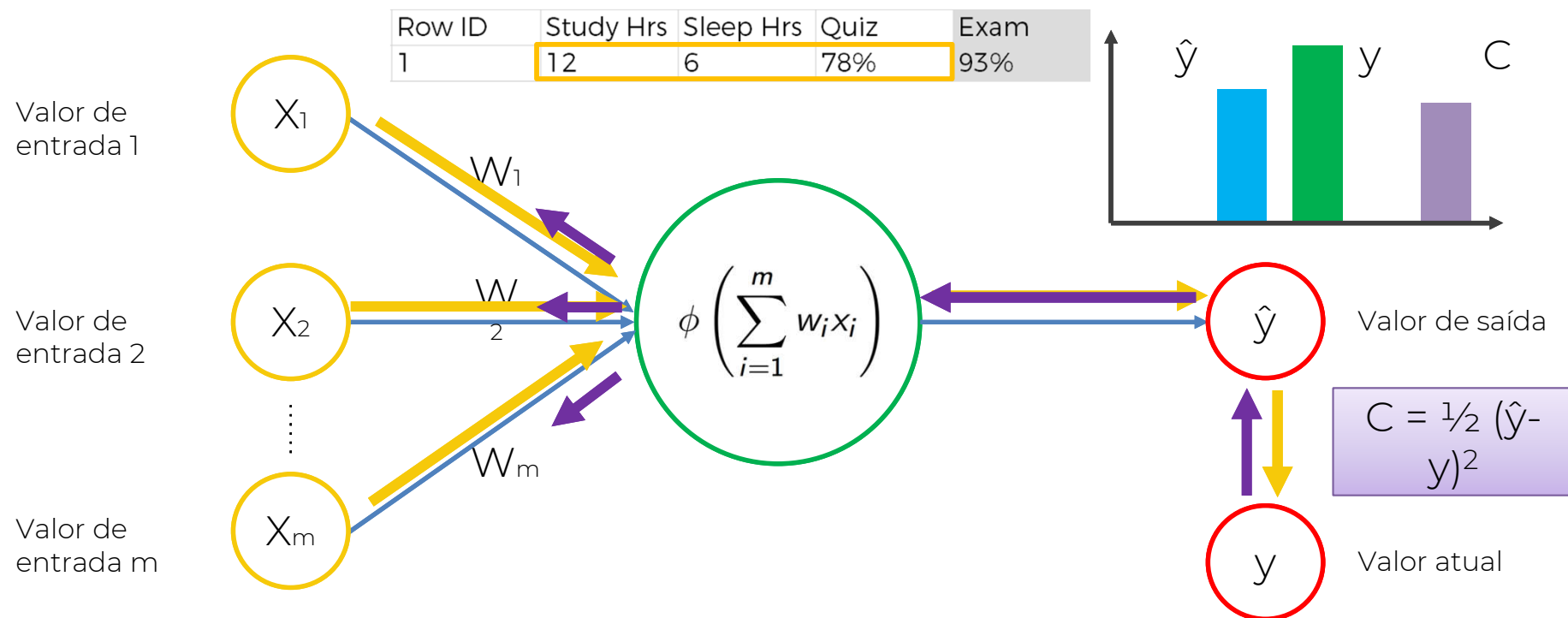


# Como as redes neurais aprendem?

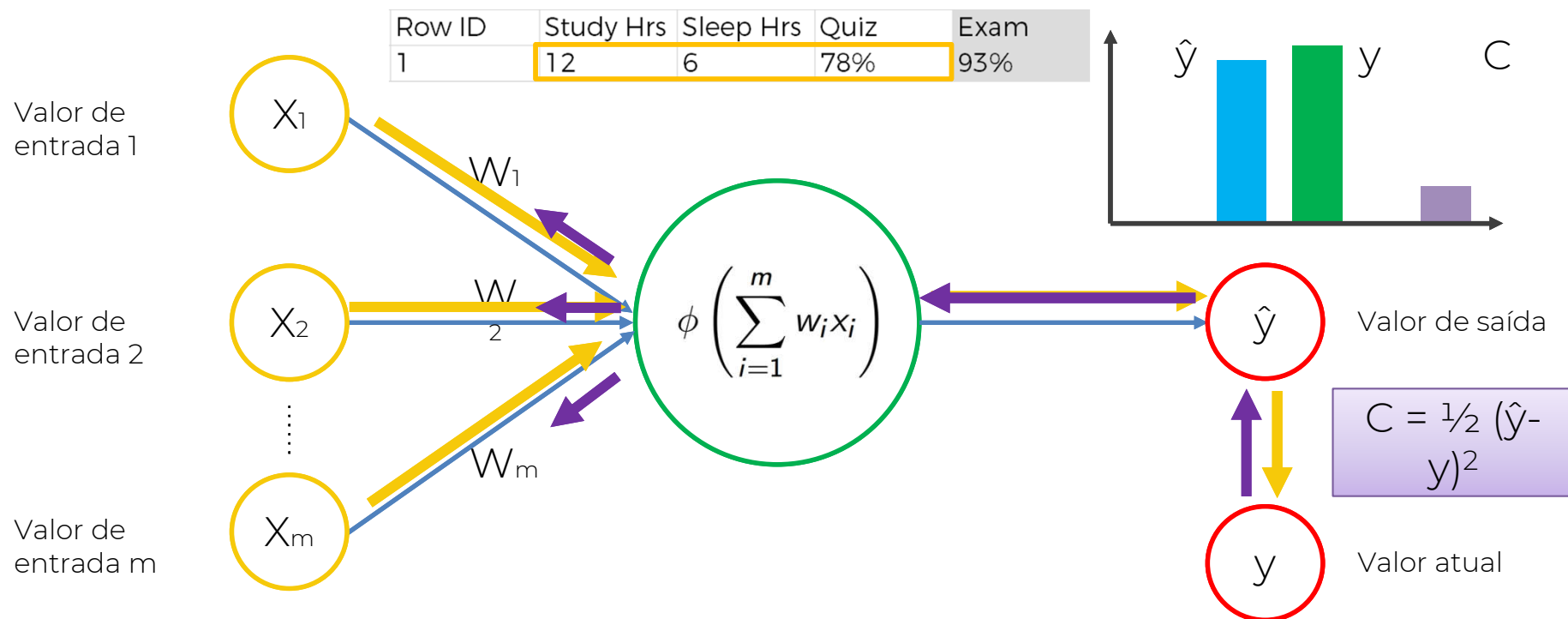




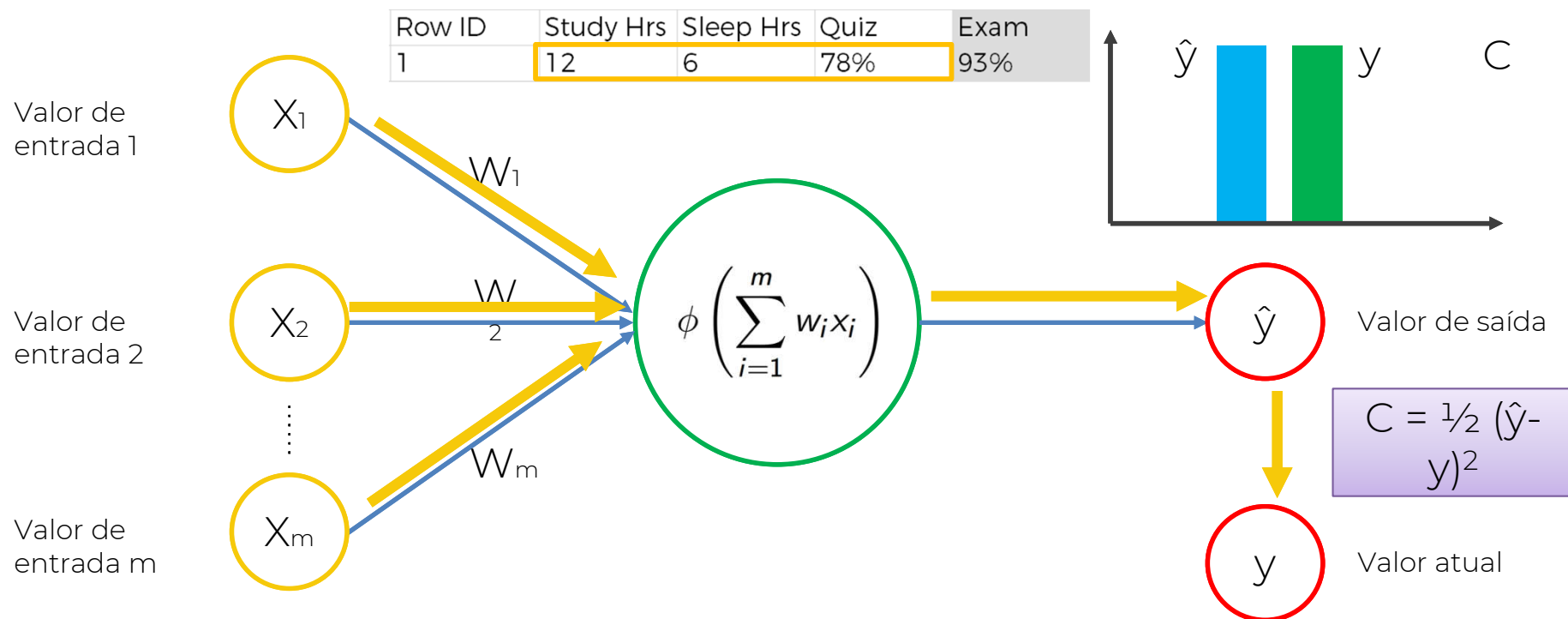
# Como as redes neurais aprendem?



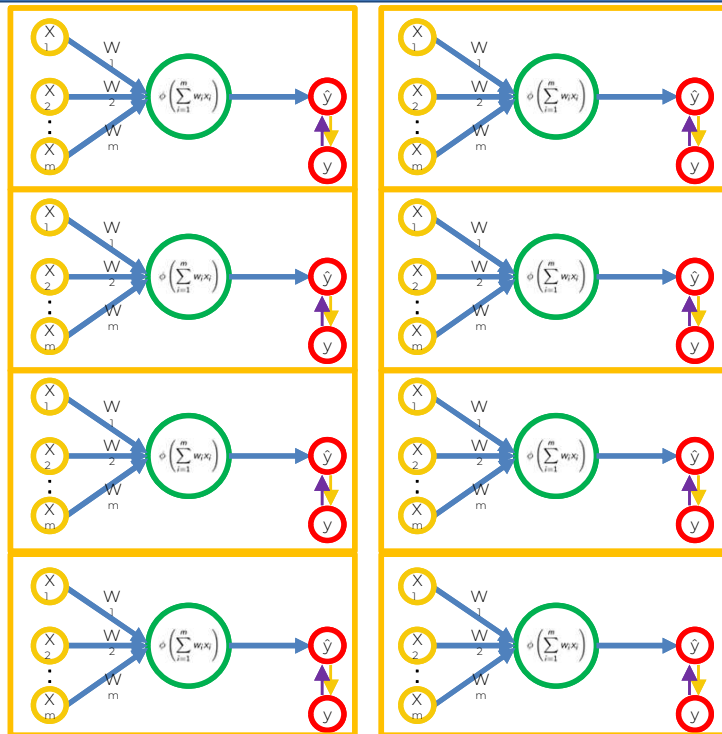
# Como as redes neurais aprendem?



# Como as redes neurais aprendem?

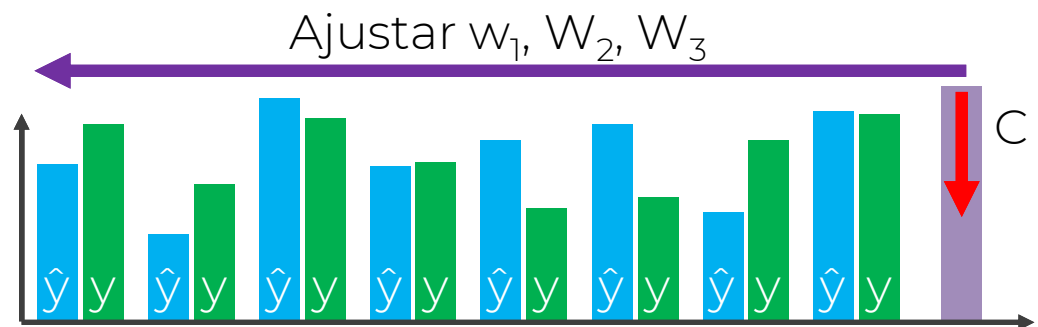


# Como as redes neurais aprendem?



Row ID	Study Hrs	Sleep Hrs	Quiz	Exam
1	12	6	78%	93%
2	22	6.5	24%	68%
3	115	4	100%	95%
4	31	9	67%	75%
5	0	10	58%	51%
6	5	8	78%	60%
7	92	6	82%	89%
8	57	8	91%	97%

$$C = \sum \frac{1}{2} (\hat{y} - y)^2$$



# Como as redes neurais aprendem?

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Leitura adicional:

*A list of cost functions used in neural networks, alongside applications*

CrossValidated (2015)

Link:

<http://stats.stackexchange.com/questions/154879/a-list-of-cost-functions-used-in-neural-networks-alongside-applications>

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