

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

# Deep Learning,

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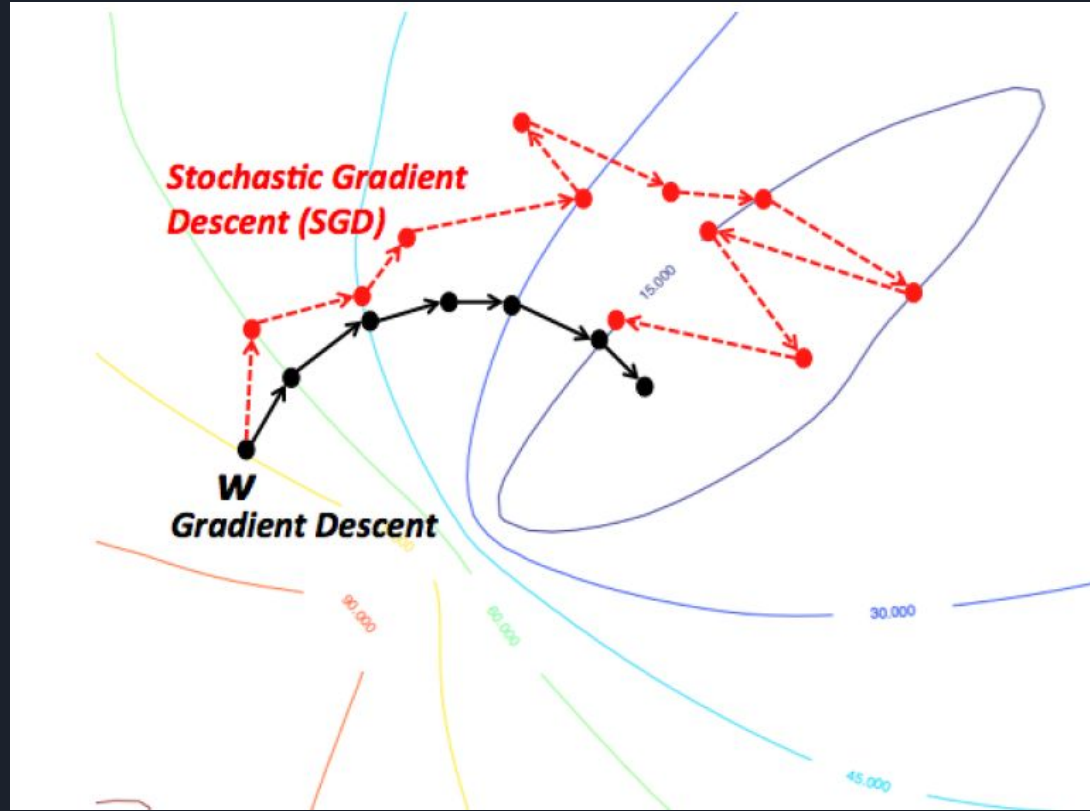
The diagram illustrates the division of a dataset into two parts: a Training Set and a Test Set. The Training Set is represented by a yellow bar on the left, and the Test Set is represented by a black bar on the right. Below the Training Set bar is a light gray callout box with a pointer to the bar, containing the text 'Train and tune your models (using cross-validation)'. Below the Test Set bar is a light gray callout box with a pointer to the bar, containing the text 'Don't touch this until the very end.'.

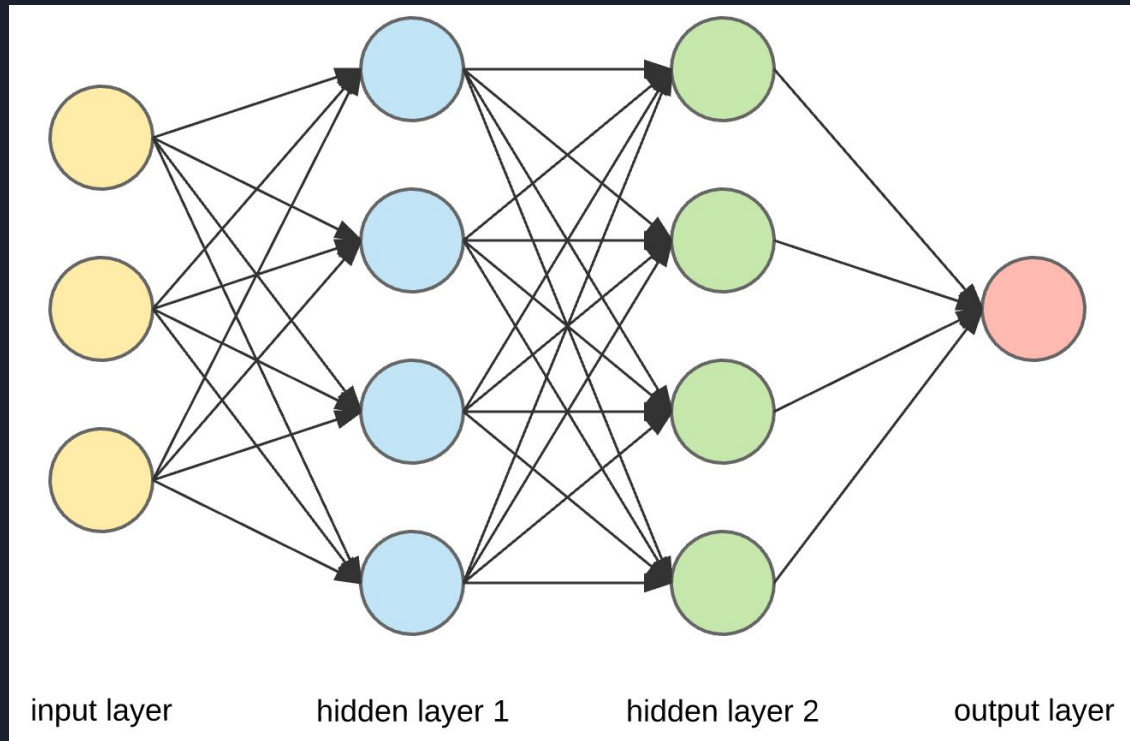
Training Set

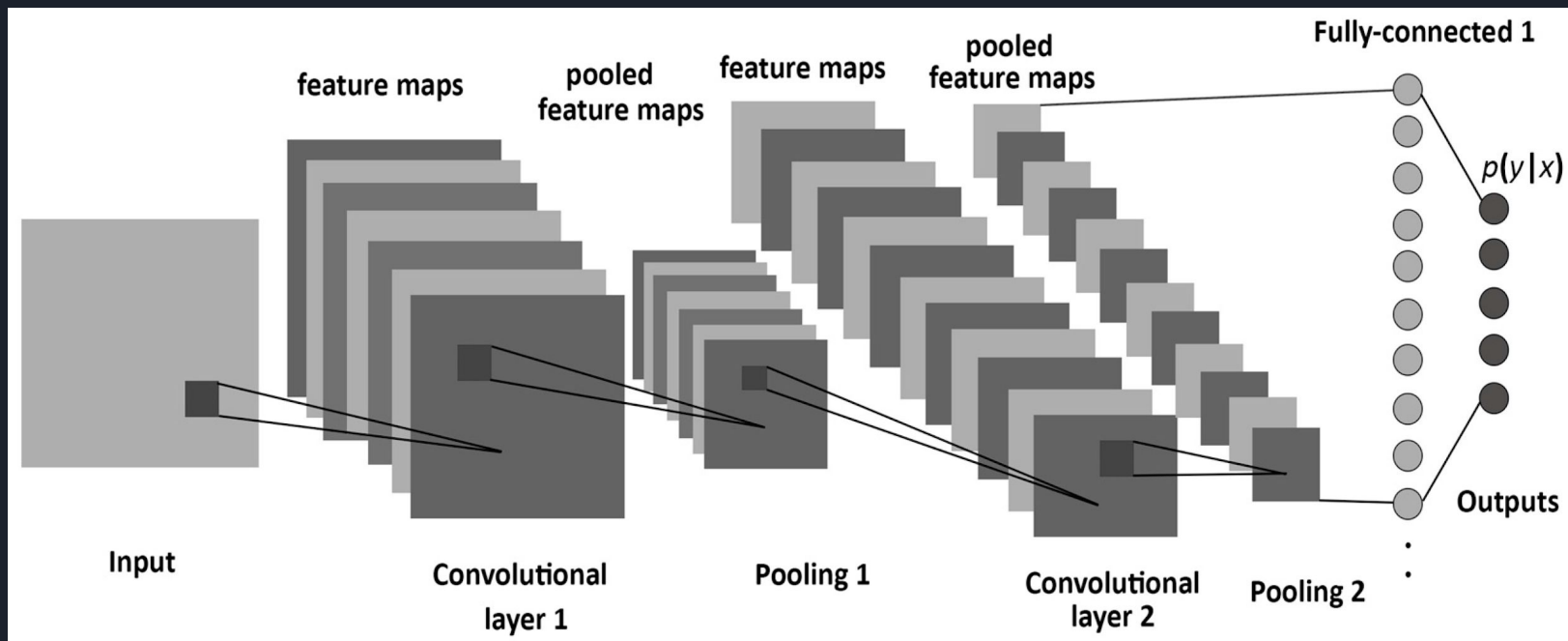
Test Set

Train and tune your models  
(using cross-validation)

Don't touch this  
until the very end.







Single depth slice

x ↑

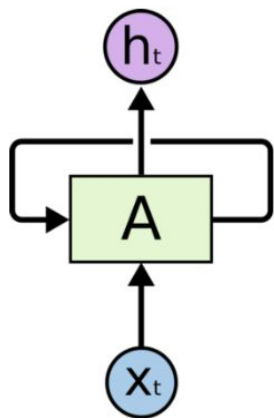
1	1	2	4
5	6	7	8
3	2	1	0
1	2	3	4

→ y

max pool with 2x2 filters  
and stride 2



6	8
3	4



=

