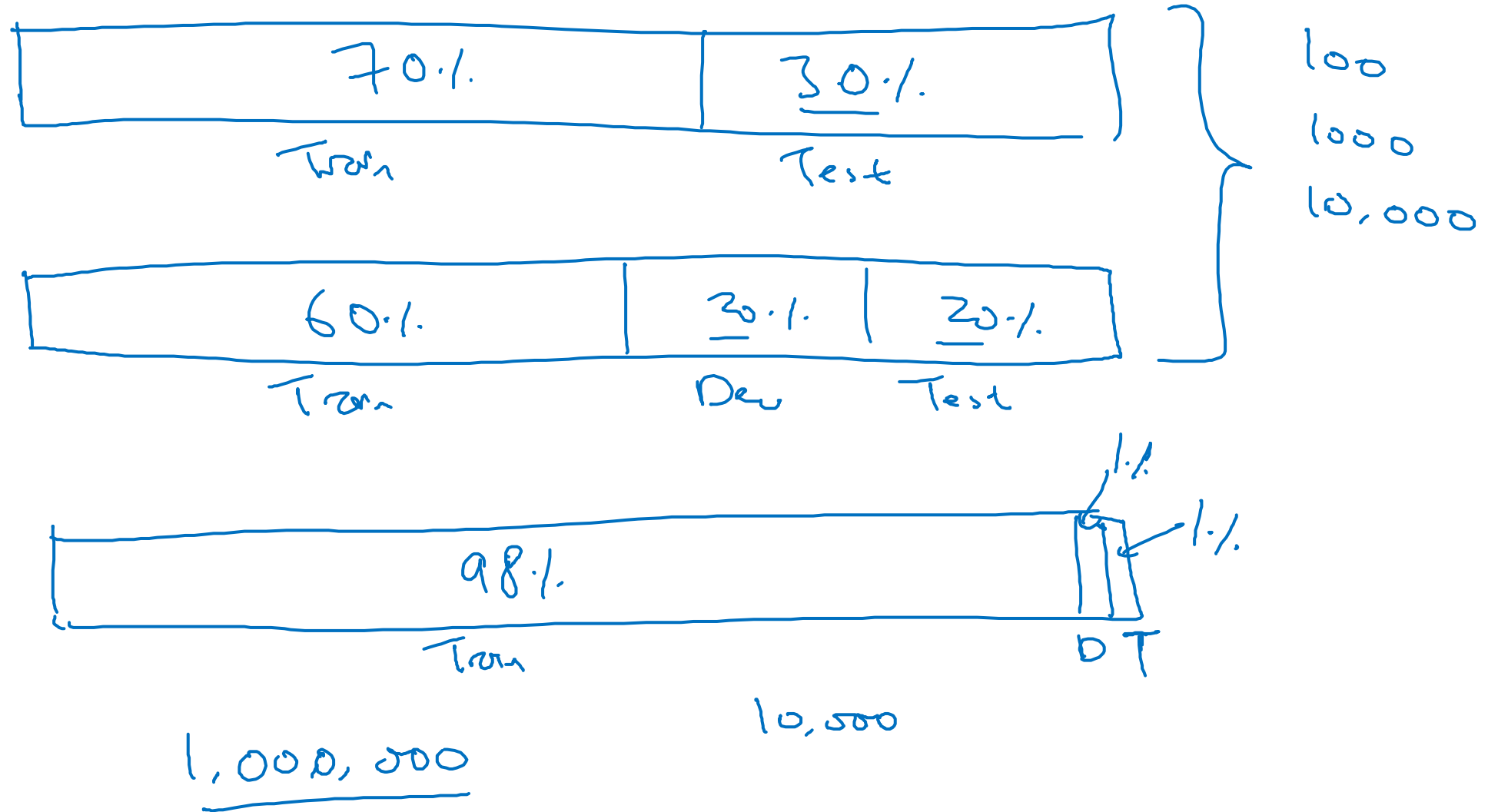deeplearning.ai

Setting up
your goal

Size of dev
and test sets

Old way of splitting data

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Size of dev set

A B

Set your dev set to be big enough to detect differences in algorithm/models you're trying out.

100 : Small

$\hookleftarrow$ 1%

1,000

10,000

100,000

$$A \qquad\qquad B$$
$$97\% \longrightarrow 97.1\%$$

$$\frac{0.1\%}{\uparrow}$$

$$\frac{0.01\%}{0.001\%}$$

Online advertising

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Size of test set

Set your test set to be big enough to give high confidence in the overall performance of your system.

10,000

100,000

Train + Dev.   No   test   set.

train | test / dev

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