

Aprendiz de Machine Learning

Model Evaluation

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Training-Set and Testing-Set

training set

$X =$

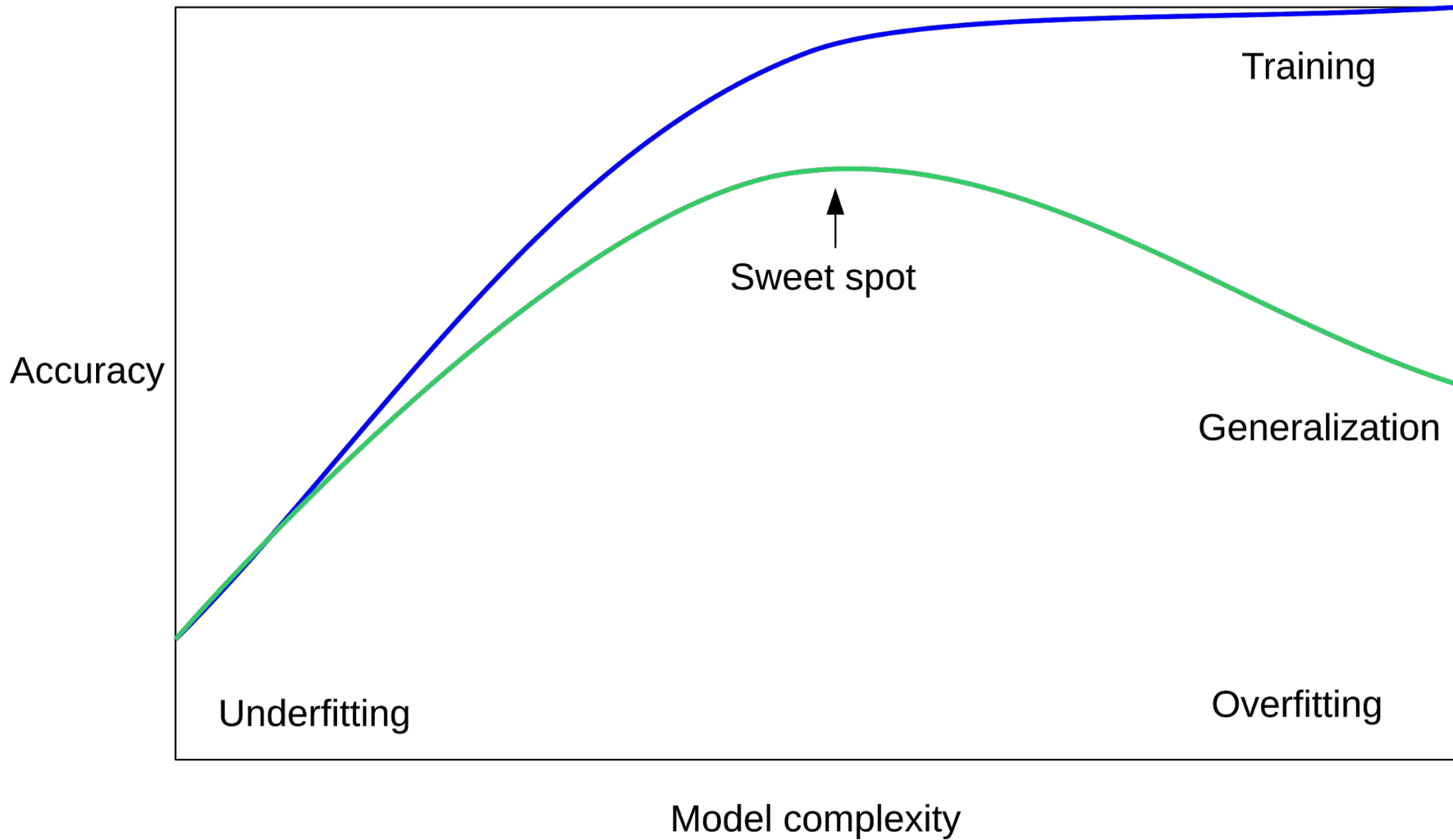
1.1	2.2	3.4	5.6	1.0
6.7	0.5	0.4	2.6	1.6
2.4	9.3	7.3	6.4	2.8
1.5	0.0	4.3	8.3	3.4
0.5	3.5	8.1	3.6	4.6
5.1	9.7	3.5	7.9	5.1
3.7	7.8	2.6	3.2	6.3

test set

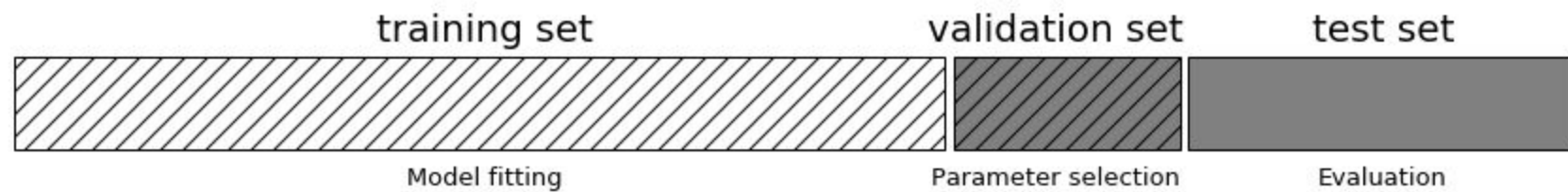
$y =$

1.6
2.7
4.4
0.5
0.2
5.6
6.7

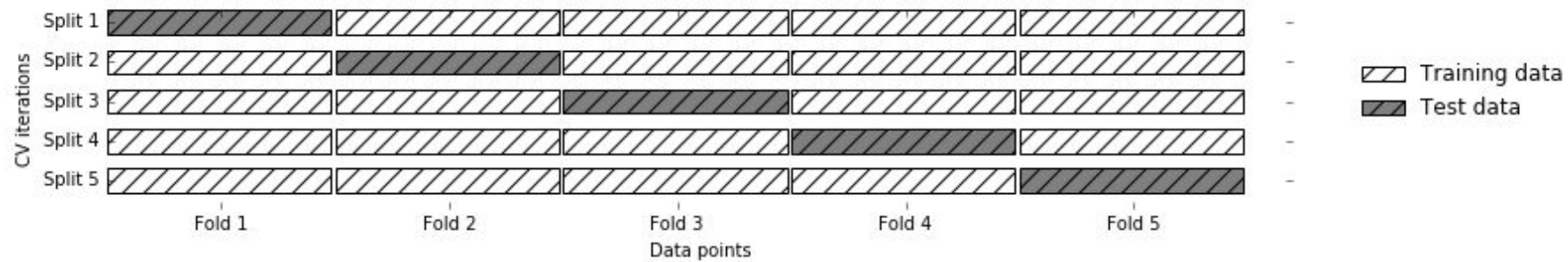
Overfitting and Underfitting



Threefold Split



Cross Validation

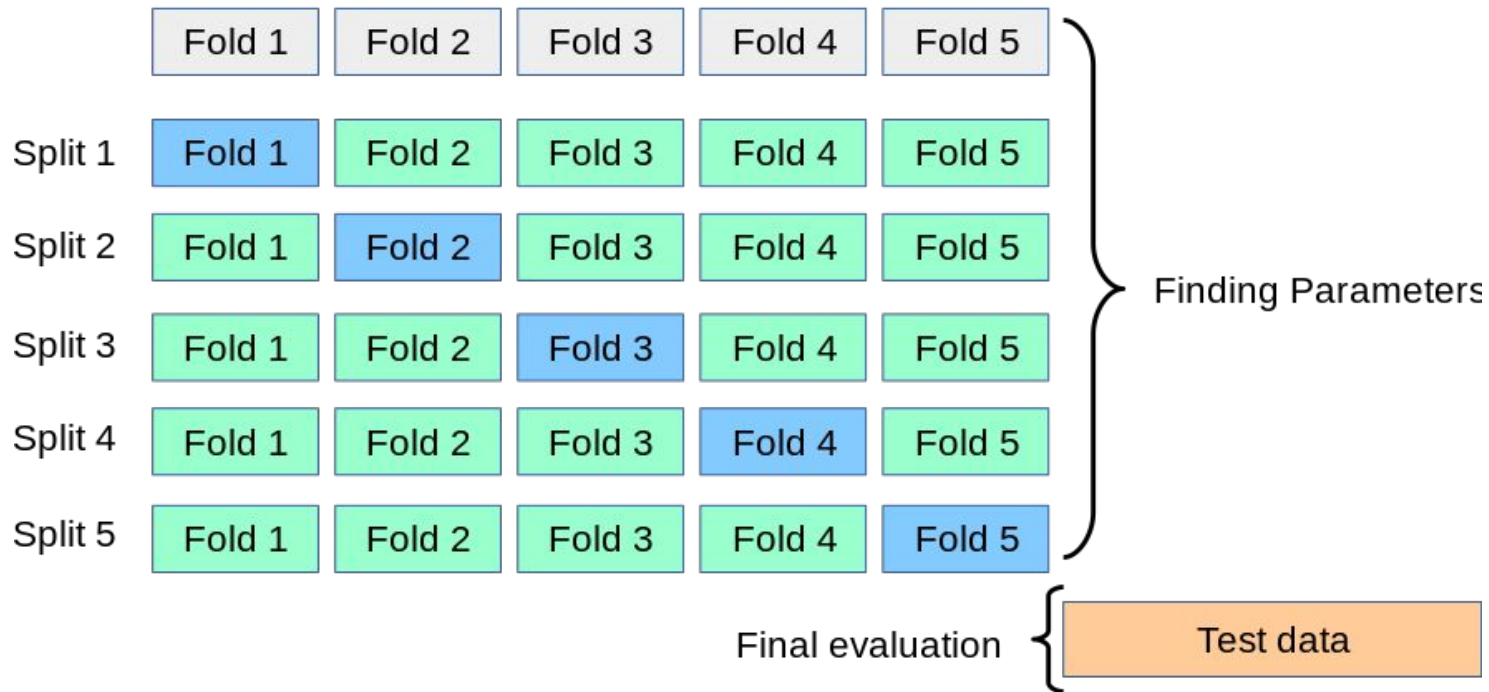


Cross Validation + Test Set

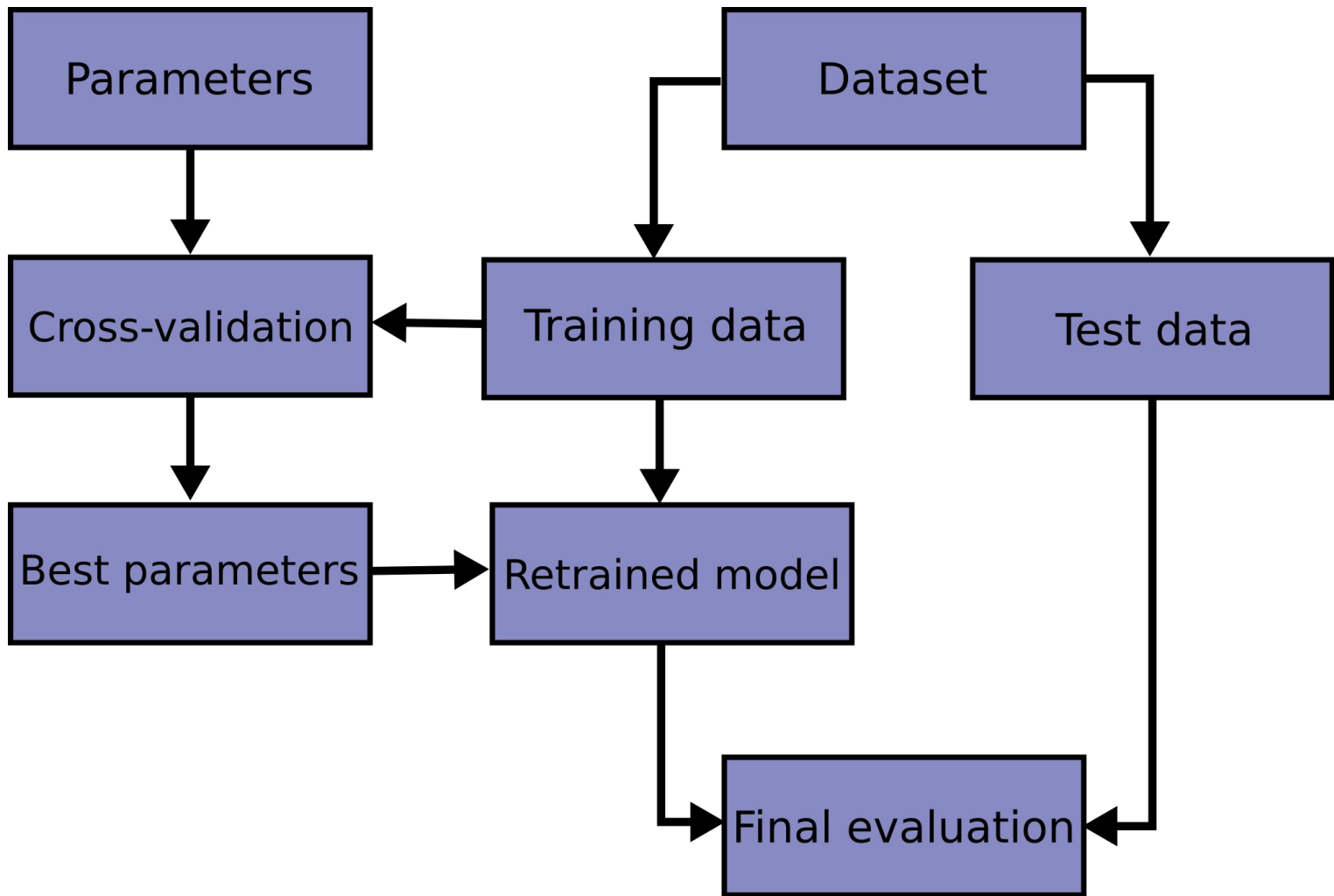
All Data

Training data

Test data



Grid-Search Workflow



Thank You!