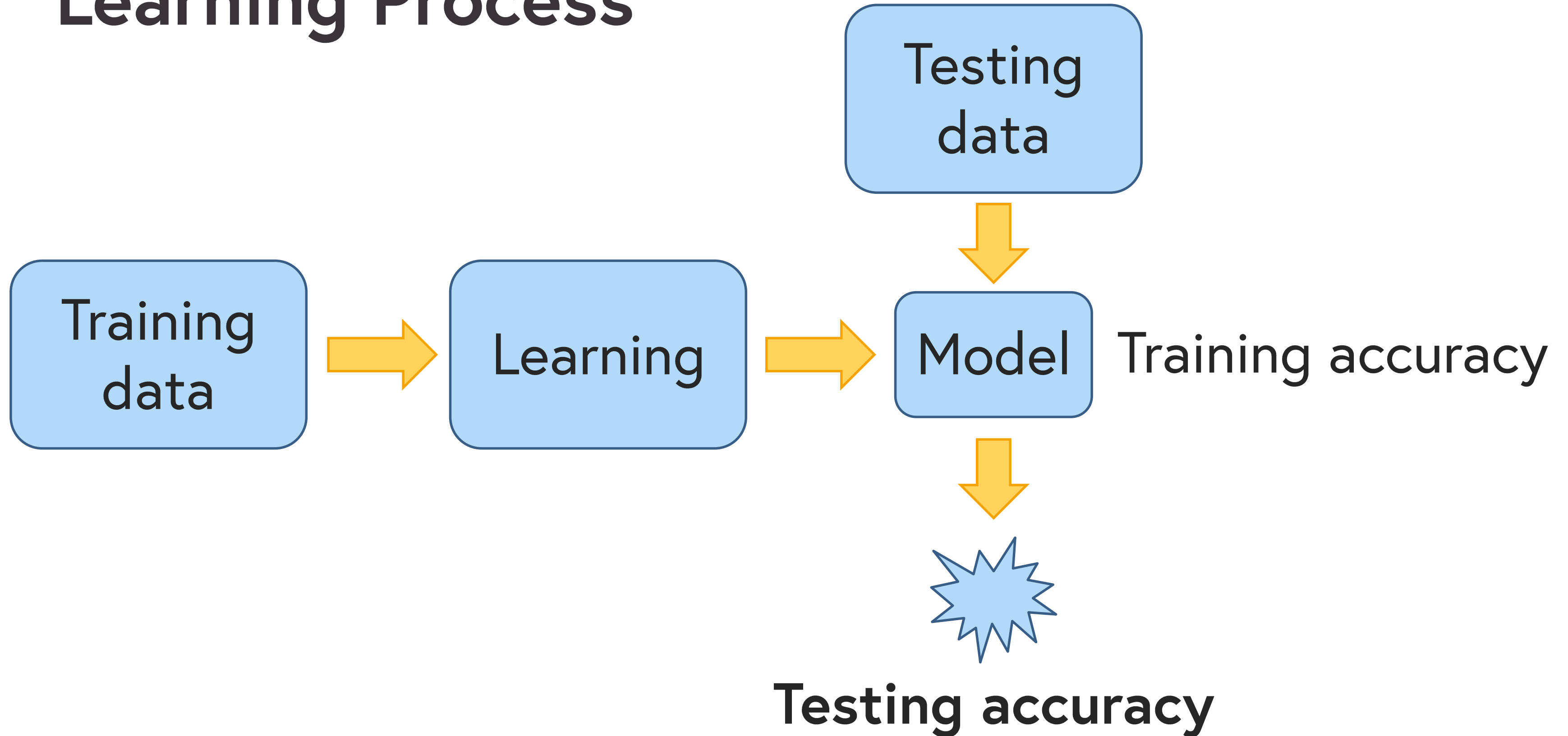
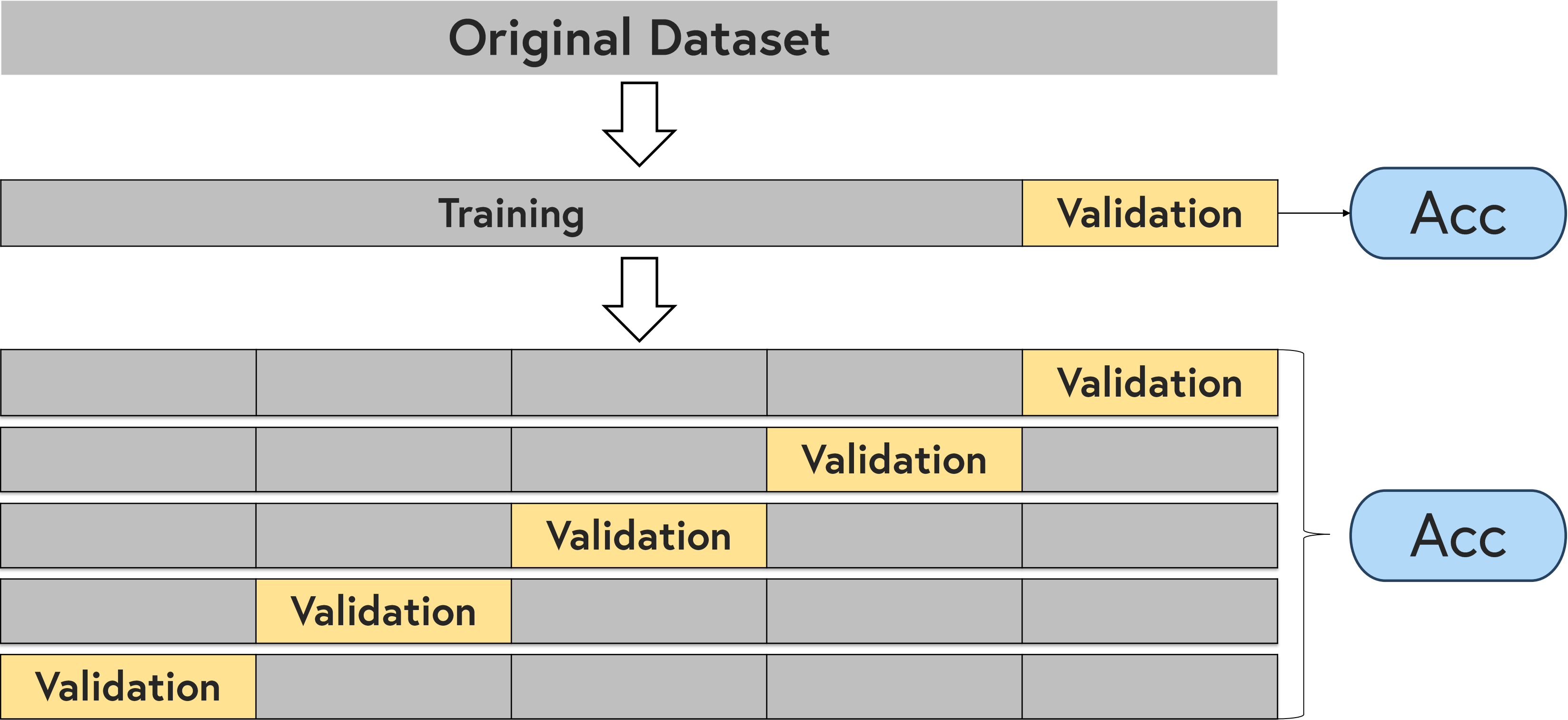


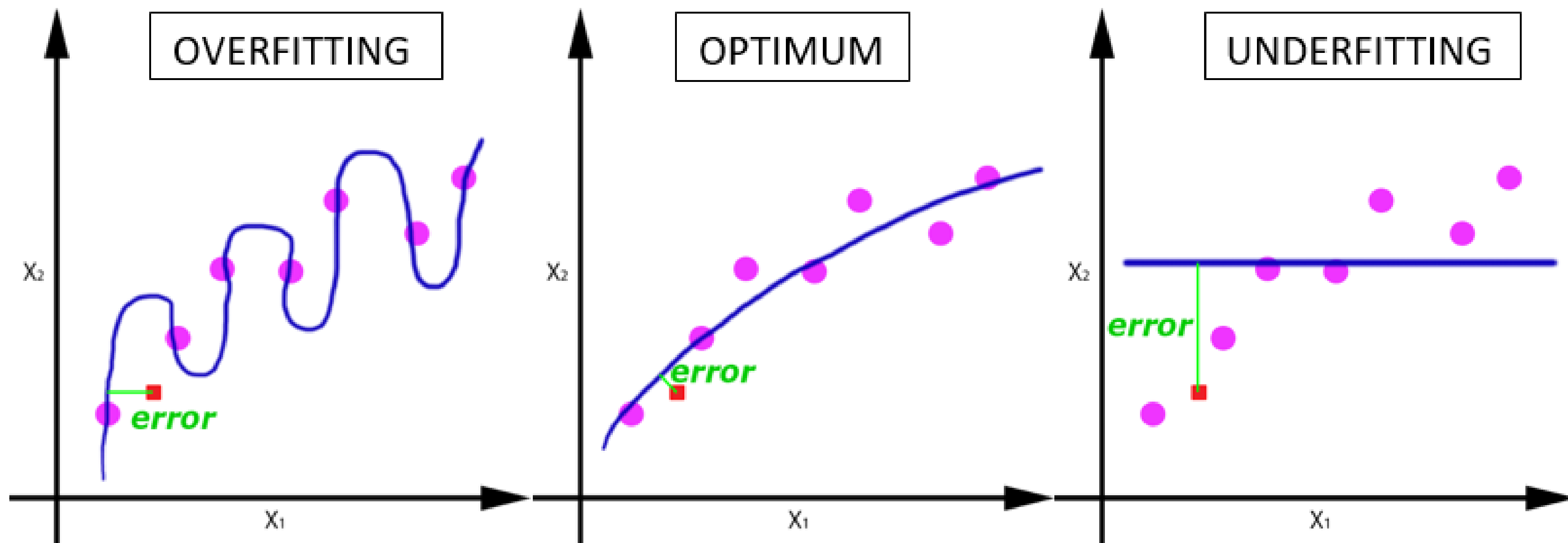
# Learning Process



# Cross-validation Testing



# Overfit vs Underfit



# Reading Results

=== Stratified cross-validation ===  
=== Summary ===

Correctly Classified Instances  
Incorrectly Classified Instances  
Kappa statistic  
Mean absolute error  
Root mean squared error  
Relative absolute error  
Root relative squared error  
Total Number of Instances

7707	79.6095 %
1974	20.3905 %
0.4445	
0.2783	
0.3732	
74.7647 %	
86.512 %	
9681	

Number of positive data is predicted correctly

a measurement that represents both Recall vs Precision

quality of binary (two-class) classifications

Learning curves

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.567	0.129	0.591	0.567	0.579	0.445	0.812	0.630	1
	0.871	0.433	0.860	0.871	0.865	0.445	0.812	0.911	2
Weighted Avg.	0.796	0.358	0.793	0.796	0.795	0.445	0.812	0.842	

=== Confusion Matrix ===

a	b	<-- classified as
1357	1036	a = 1
938	6350	b = 2

Number of positive data is predicted incorrectly

Number of positive data is predicted correctly