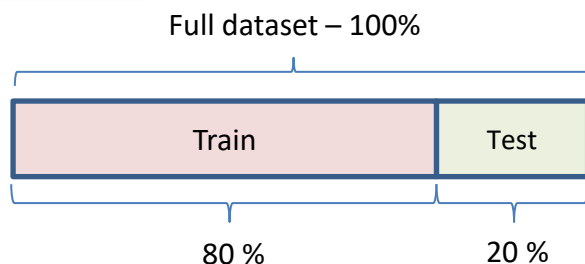
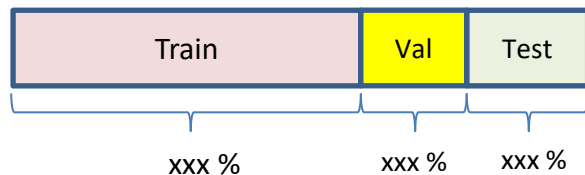


## DNN Training

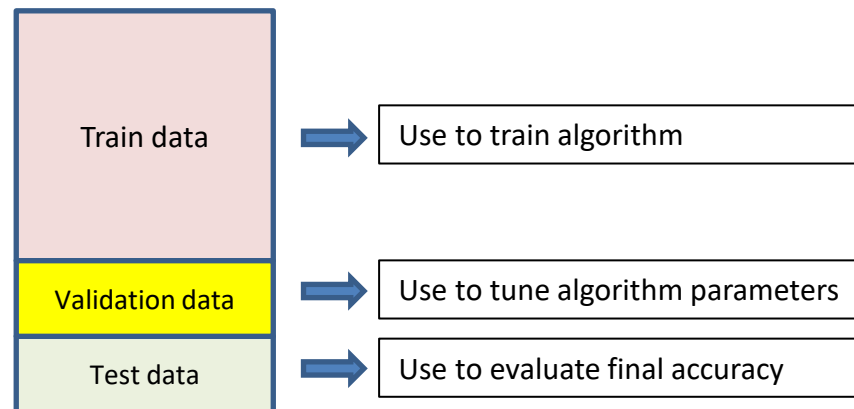
	Darknet (YOLO Framework)	Other DNN Frameworks (TensorFlow, Keras etc.,)
Input for training	<ol style="list-style-type: none"> <li>1. Training images</li> <li>2. Network configuration</li> <li>3. Training parameters (Learning rate, iterations, batch size etc.,)</li> </ol>	<ol style="list-style-type: none"> <li>1. Training images</li> <li>2. Network configuration</li> <li>3. Training parameters (Learning rate, iterations, batch size etc.,)</li> </ol>
Output after training	<ol style="list-style-type: none"> <li>1. Training error (or) loss</li> <li>2. Trained model</li> </ol>	<ol style="list-style-type: none"> <li>1. Training error (or) loss</li> <li>2. Validation error (or) loss</li> <li>3. Trained model</li> </ol>



## Data preparation

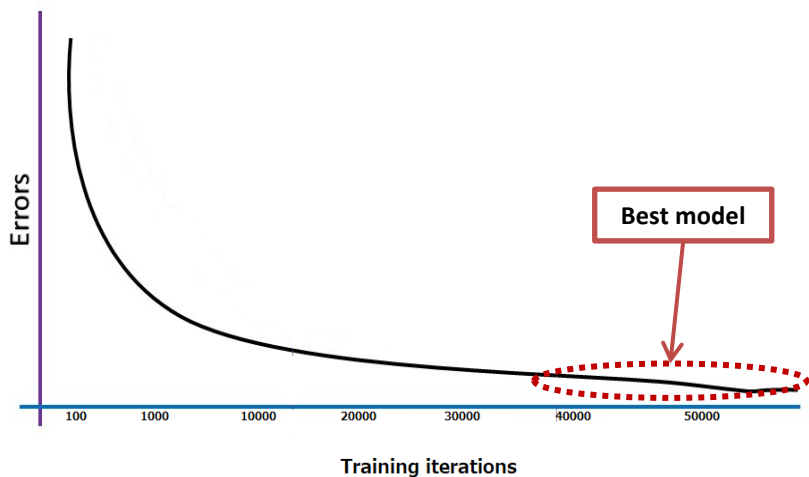
Current splitFuture split

## Train, Validation &amp; Test data explained

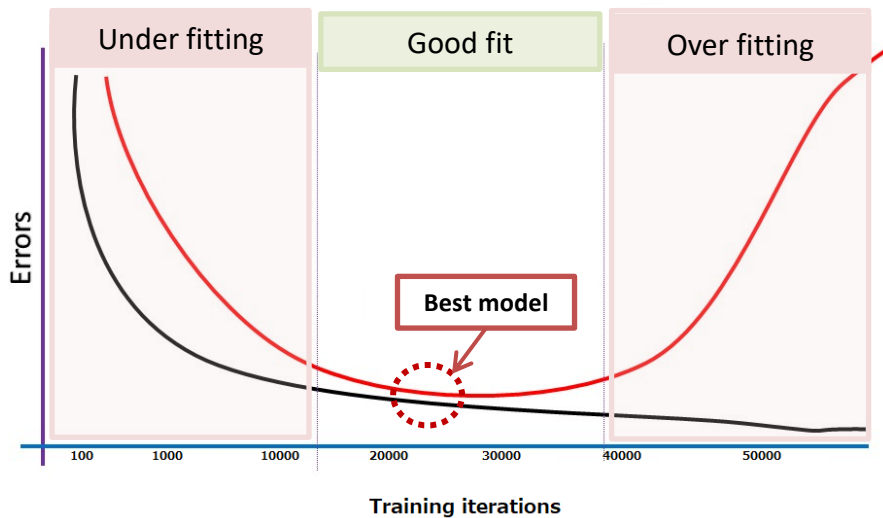


## Darknet Final Model selection

■ Training error



## Other frameworks Final Model selection

■ Training error  
■ Validation error

## Early stopping

■ Training error  
■ Validation error