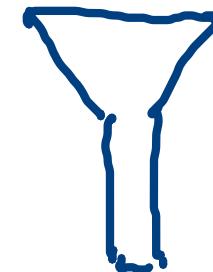
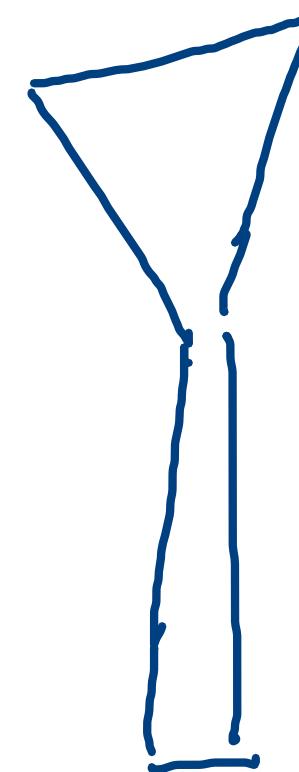
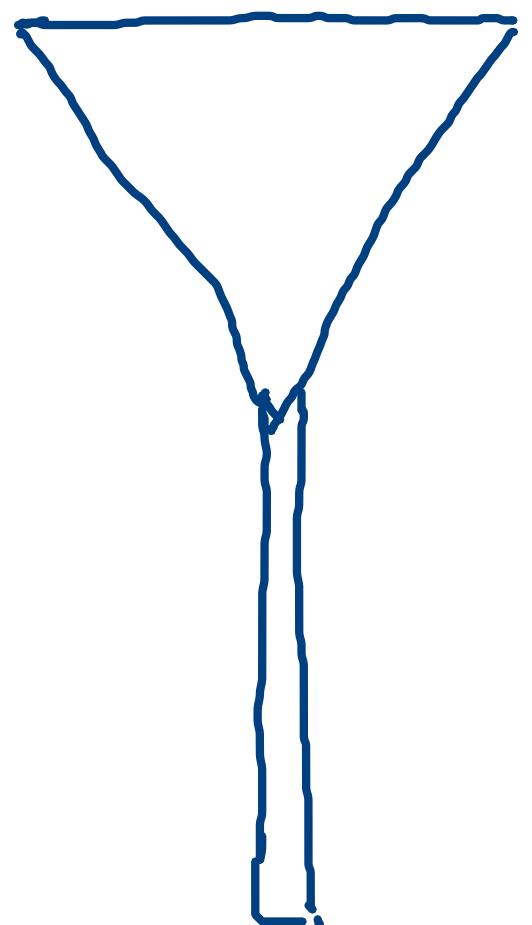


23 Sept 2025

# Classification



Caractéristique

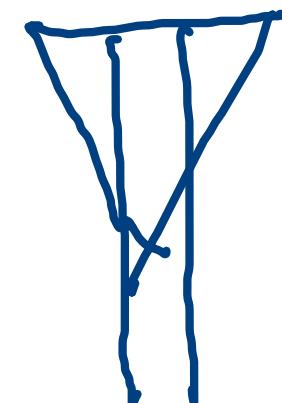
Invariant

Echelle.

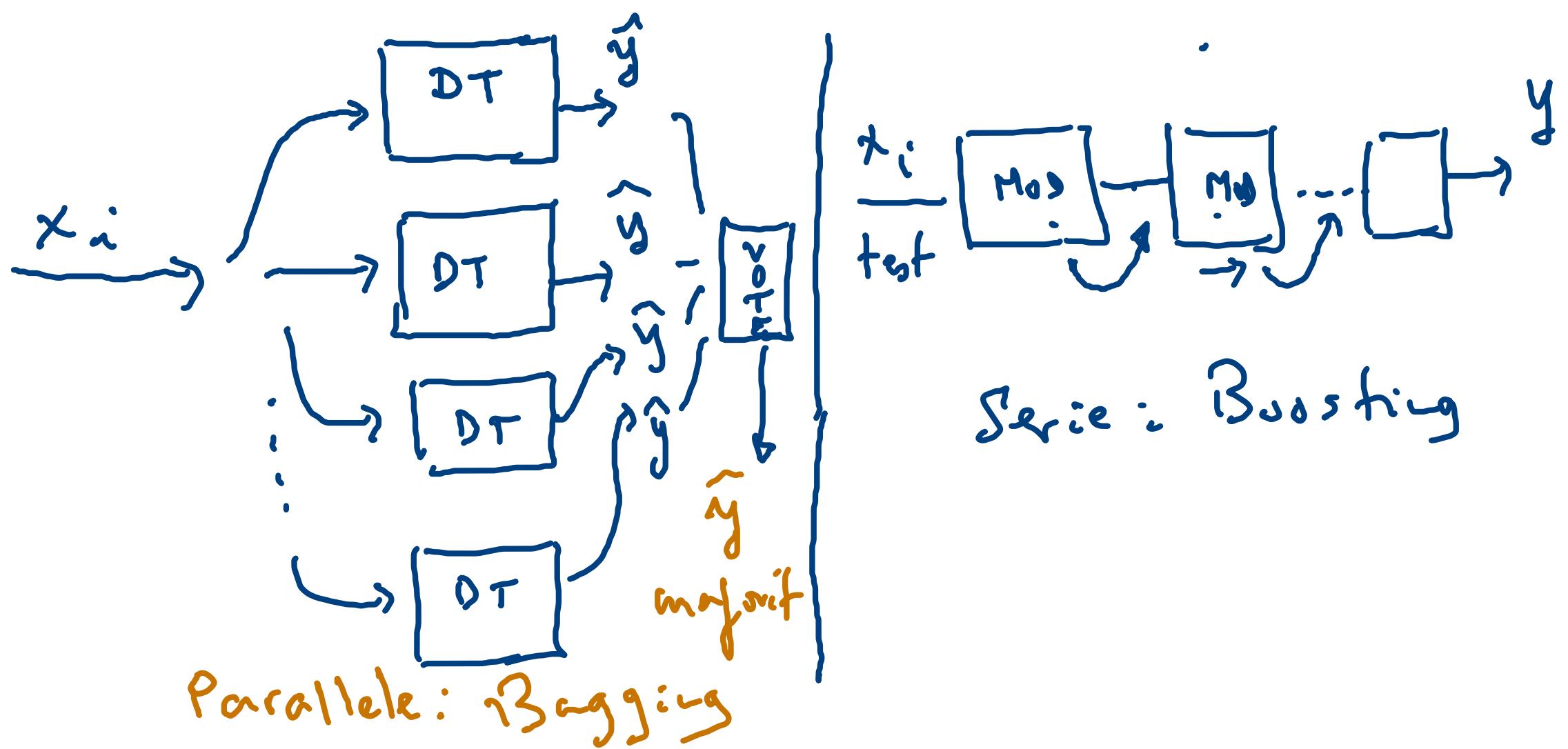
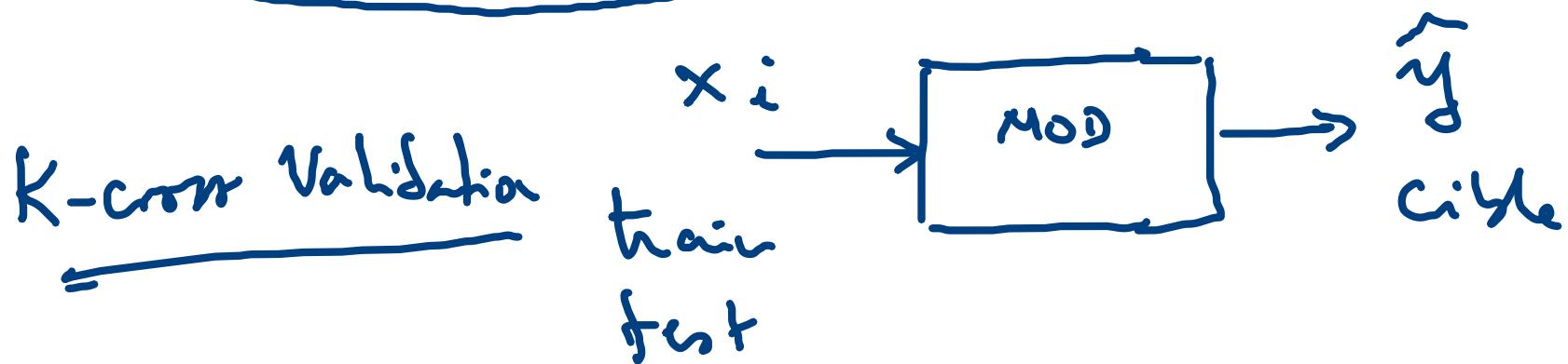
Deformation.

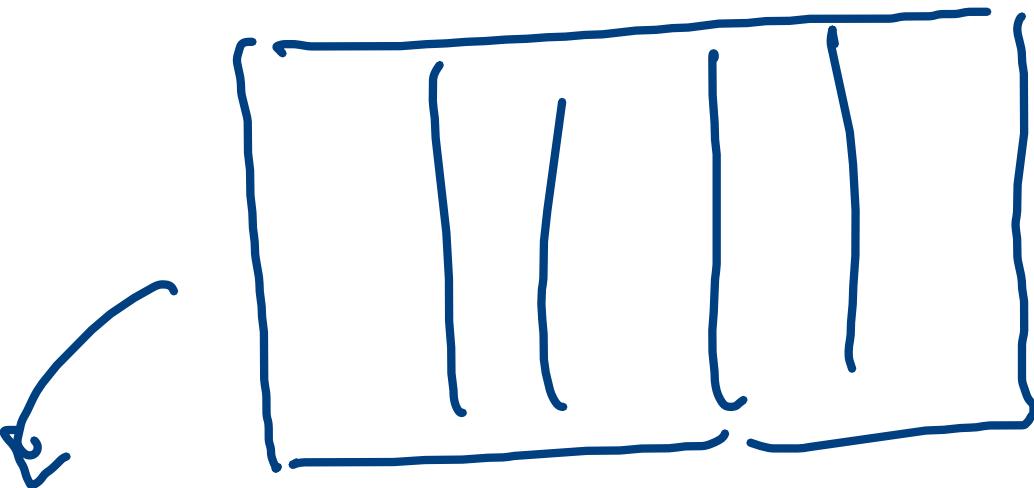
Rotation

Deplacement.



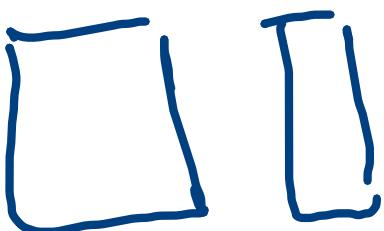
# Approches d'enseignement.





split train/test

aleatorio random\_state = 86



$x_{train}$   $y_{train}$

$x_{test}$   $y_{test}$

TP

1-) Appliquer les compétences sur 3 modèles

{ Obtenir les modèles.  
Calculer les métriques.

2-) Effectuer une interprétation des résultats obtenus

3-) Identifier les difficultés et les solutions apportées lors de la réalisation du TP

4-) Présentation du processus