

IA neurosymbolique

Améliorer les systèmes de classification neuronaux avec de la connaissance
logique *a priori*

Neuronale

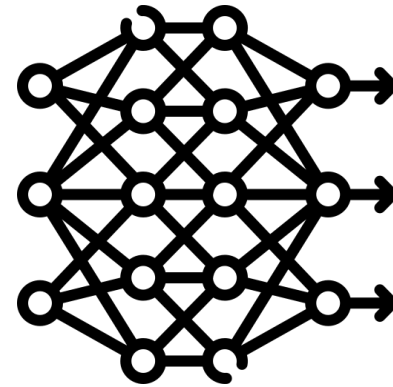


Symbolique

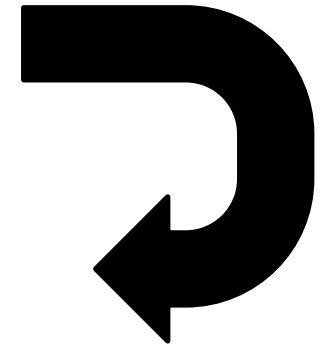


Entrainement

Données étiquetées

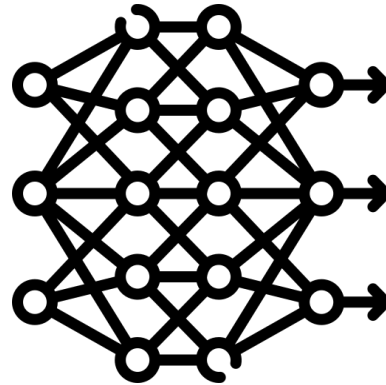


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Inférence

Données



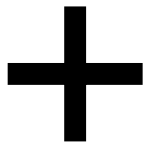
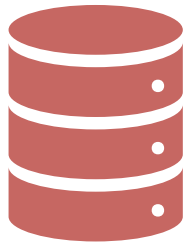
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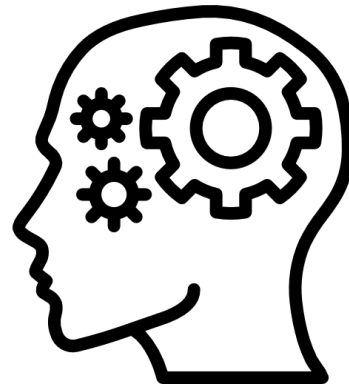
Étiquette



Connaissances



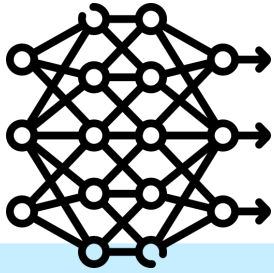
Requête



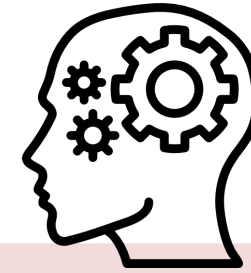
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Réponse

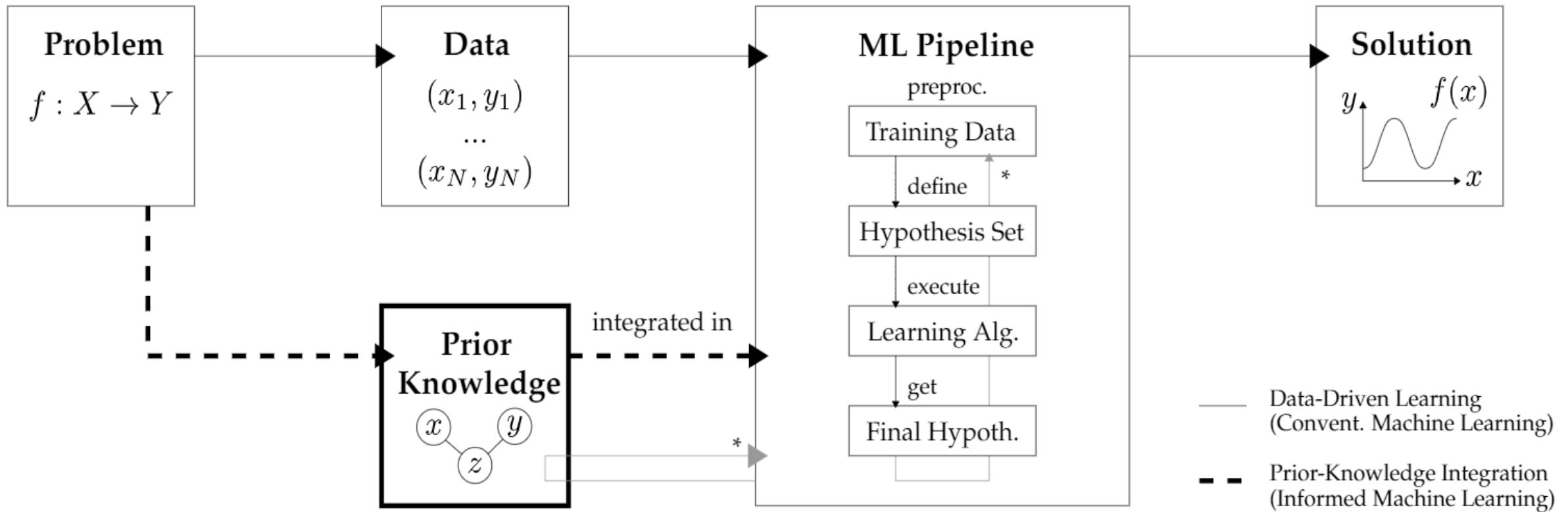


- ✓ Rapide
- ✓ Flexible
- × Robuste
- × Explicable
- × Sobre (données, calculs)



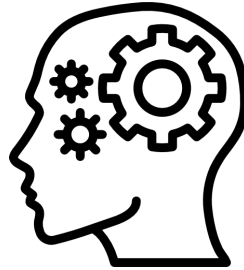
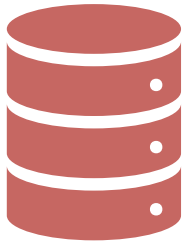
- ✓ Explicable
- ✓ Robuste
- × Flexible
- × Rapide
- × Sobre (connaissances, calculs)

Informed Machine Learning



Laura von Rueden and al., Informed machine learning – a taxonomy and survey of integrating knowledge into learning systems

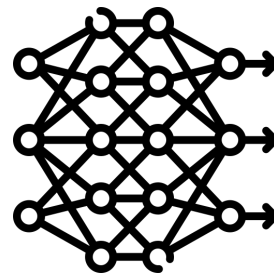
Connaissances



+



Étiquette valide



Données

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