PEN-BASED RECOGNITION OF HANDWRITTEN DIGITS
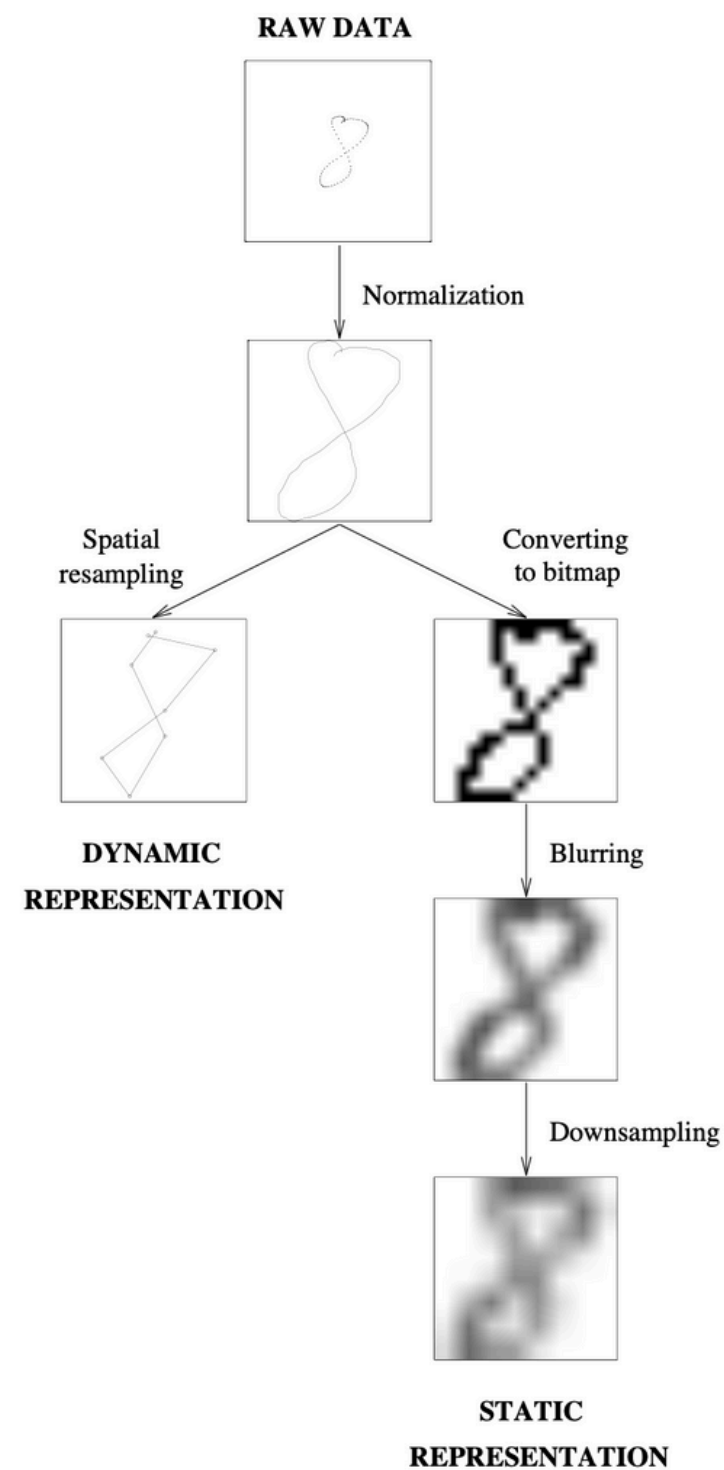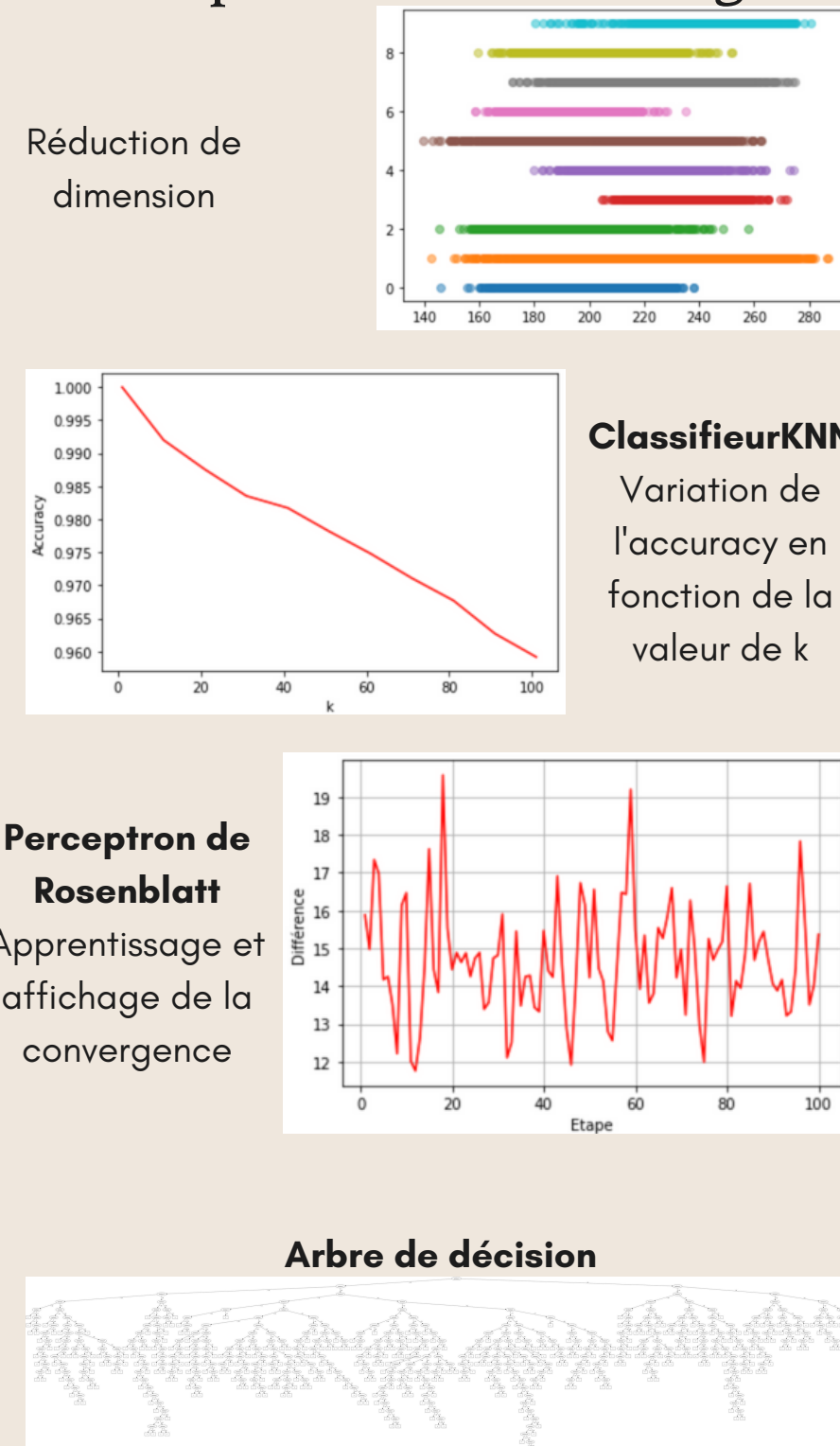
Data Processing

Supervised Learning

Réduction de dimension

ClassifieurKNN
Variation de l'accuracy en fonction de la valeur de k

Perceptron de Rosenblatt
Apprentissage et affichage de la convergence

Arbre de décision

Unsupervised Learning

Clustering hiérarchique
Dendrogramme centroid linkage

KMeans clustering
The Elbow method

Visualisation 2D
K = 10

Accuracy max = 0.24