# Section 1

1. **Performances of our classification:**

Accuracy level for each class:

Une image contenant texte, Police, capture d’écran, nombre

Description générée automatiquement

Une image contenant texte, capture d’écran, Police, Tracé

Description générée automatiquement

1. **Calculating the confusion matrix:**

Une image contenant texte, capture d’écran, Police, nombre

Description générée automatiquement

1. **What is Autograd?**

Autograd is a Pytorch feature that is used to automatically train neural networks. Generally speaking, Autograd can be considered as an engine for computing vector-Jacobian product.

It is used for its ability to differentiate tensors and therefore perform gradient-based optimization for training neural networks and other machine learning models.

# Section 2