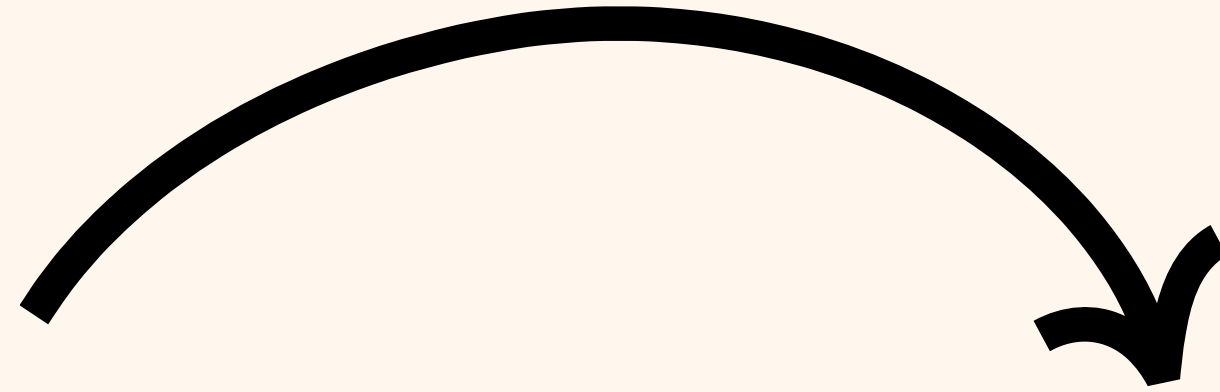
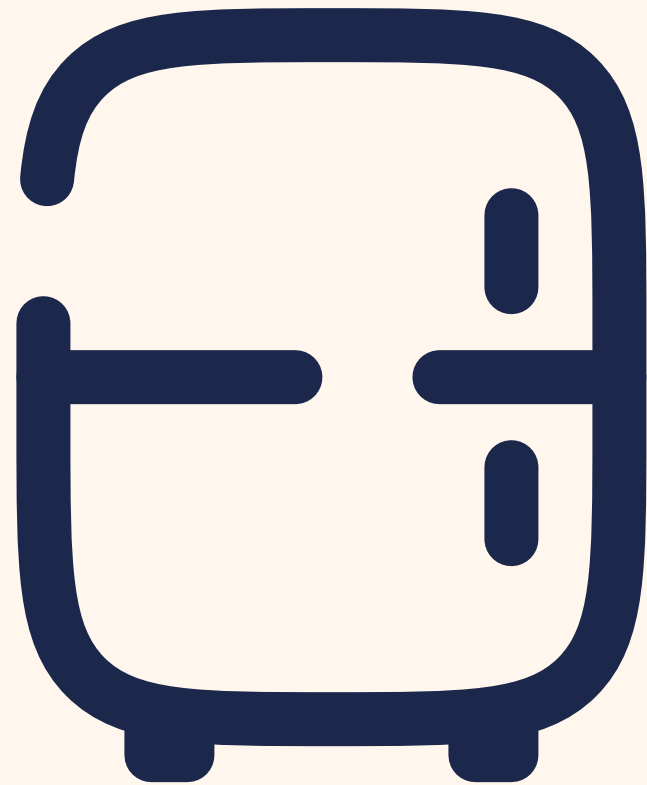


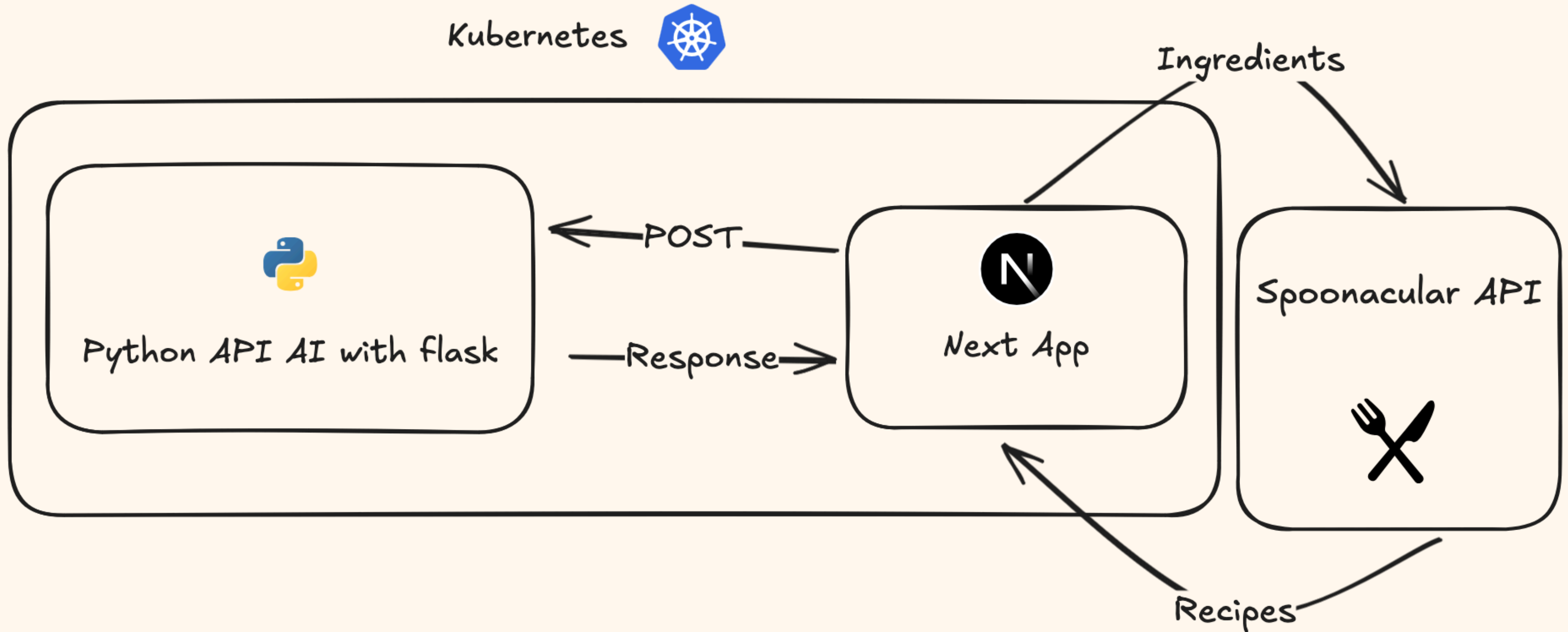
# PicToPlate



**Cuisinez plus intelligemment avec ce que vous avez  
déjà à la maison!**

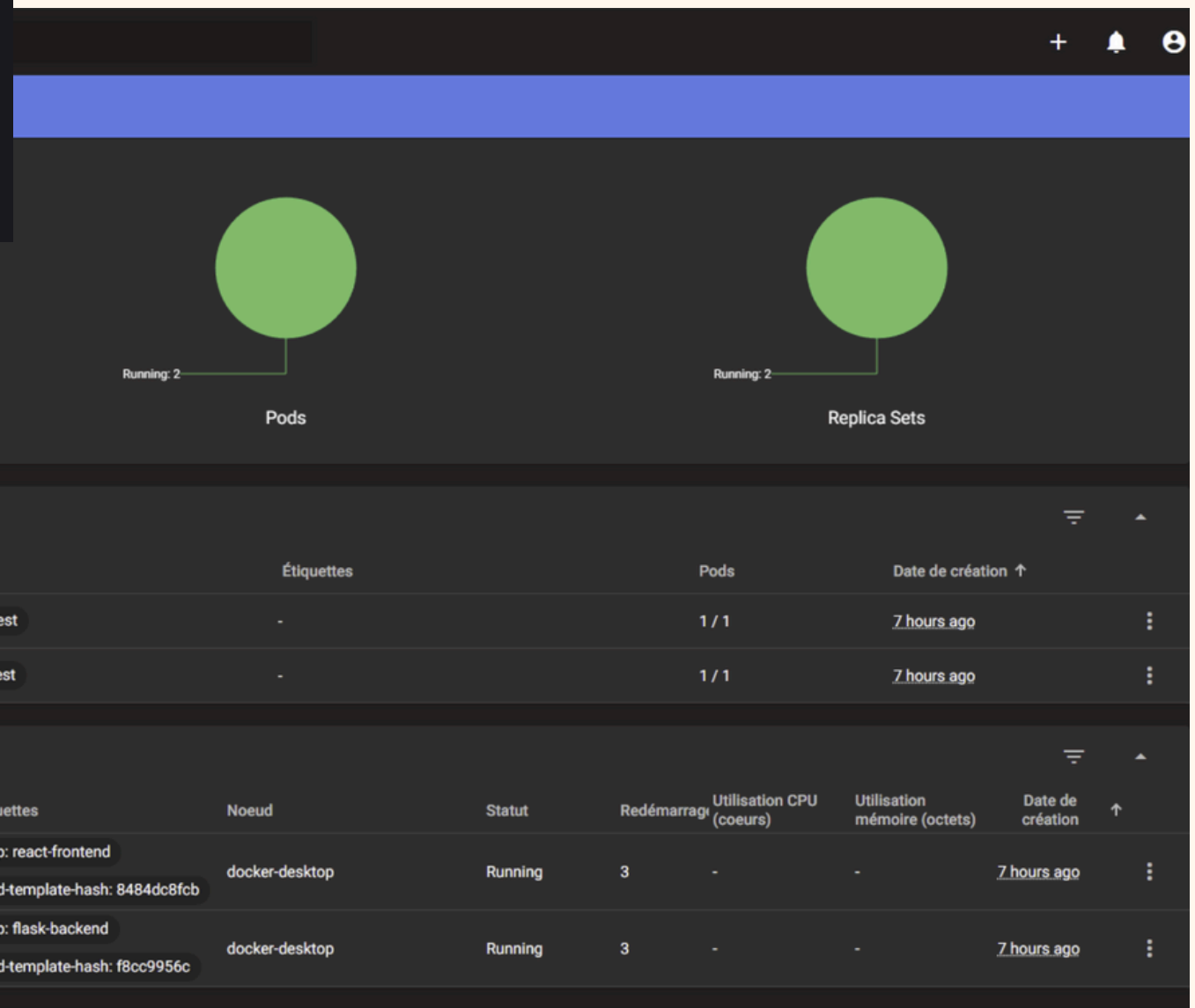


# Architecture du projet



# Orchestration (Kubernetes)

<input type="checkbox"/>		Name	Container ID	Image	Port(s)	Actions
<input type="checkbox"/>	<div><div></div></div>	k8s_react-fronte	96f59ab9f582	d8936314c		<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	<div><div></div></div>	k8s_flask-backe	44c3976e553c	0a5684bb9		<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	<div><div>▼</div></div>	<div><div><div>cloudvision_w2</div></div></div>	-	-	-	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	<div><div></div></div>	react-frontenc	f217e2888042	cloudvision	5173:5173	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	<div><div></div></div>	flask-backenc	c62b8f2d7fbe	cloudvision	5000:5000	<div><div></div><div></div><div></div></div>

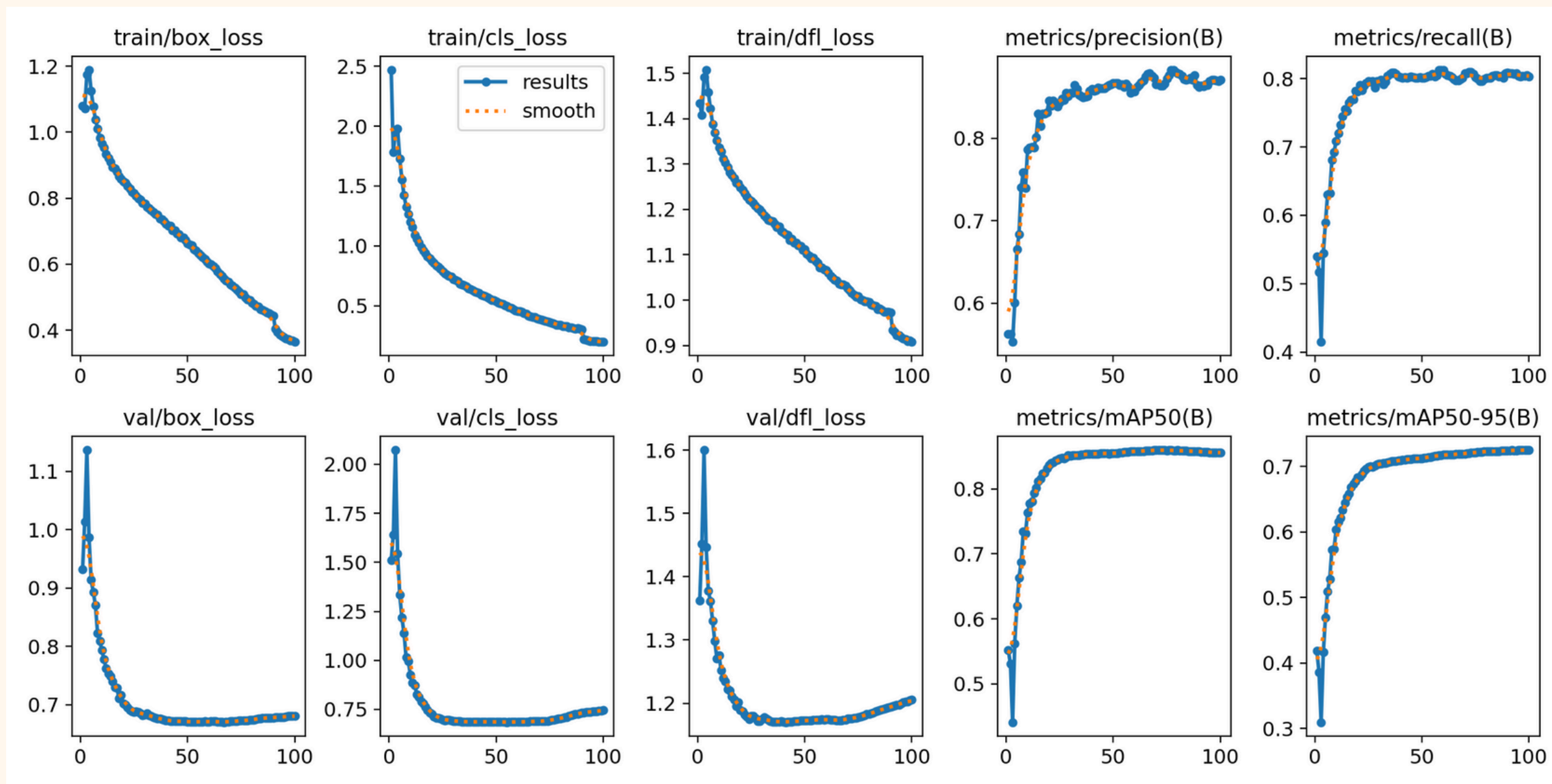


# YOLO v11



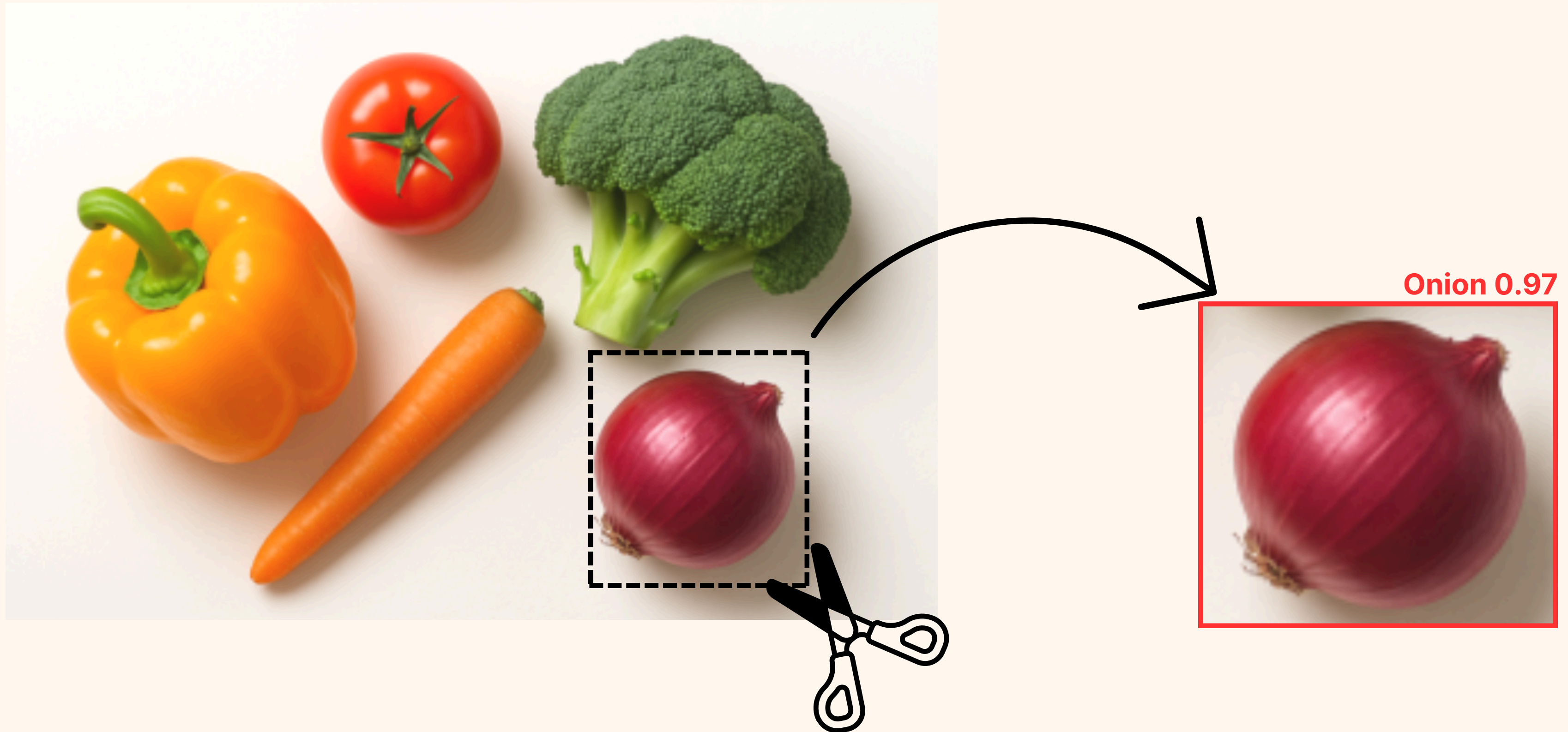
- **Fine tuning avec le dataset “WhatInYourFrigde”**
- **Gestion des hyperparameter**
- **Amélioration back de la détection**

# Fine Tuning

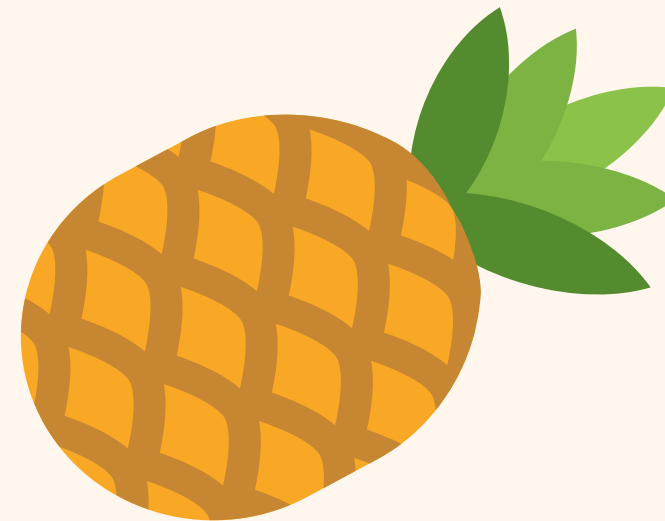
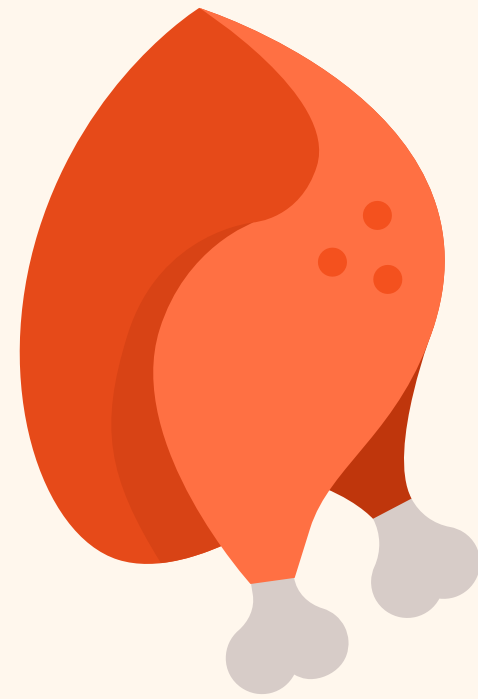


- Dataset
- Google Colab
- 28h

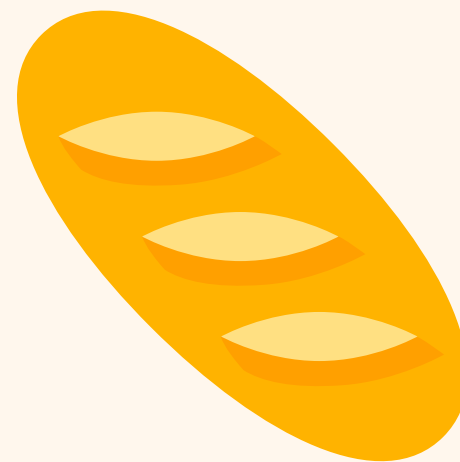
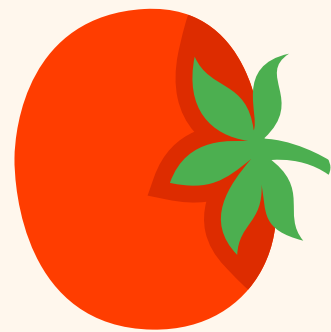
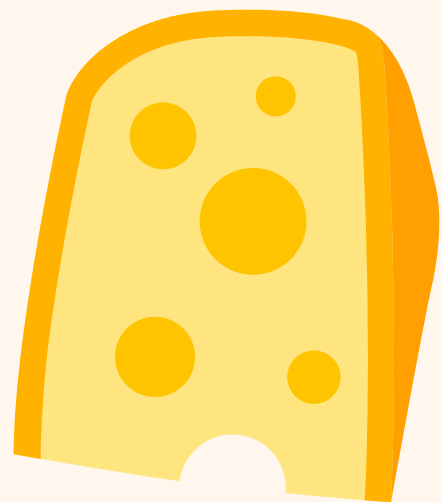
# Traitement des images







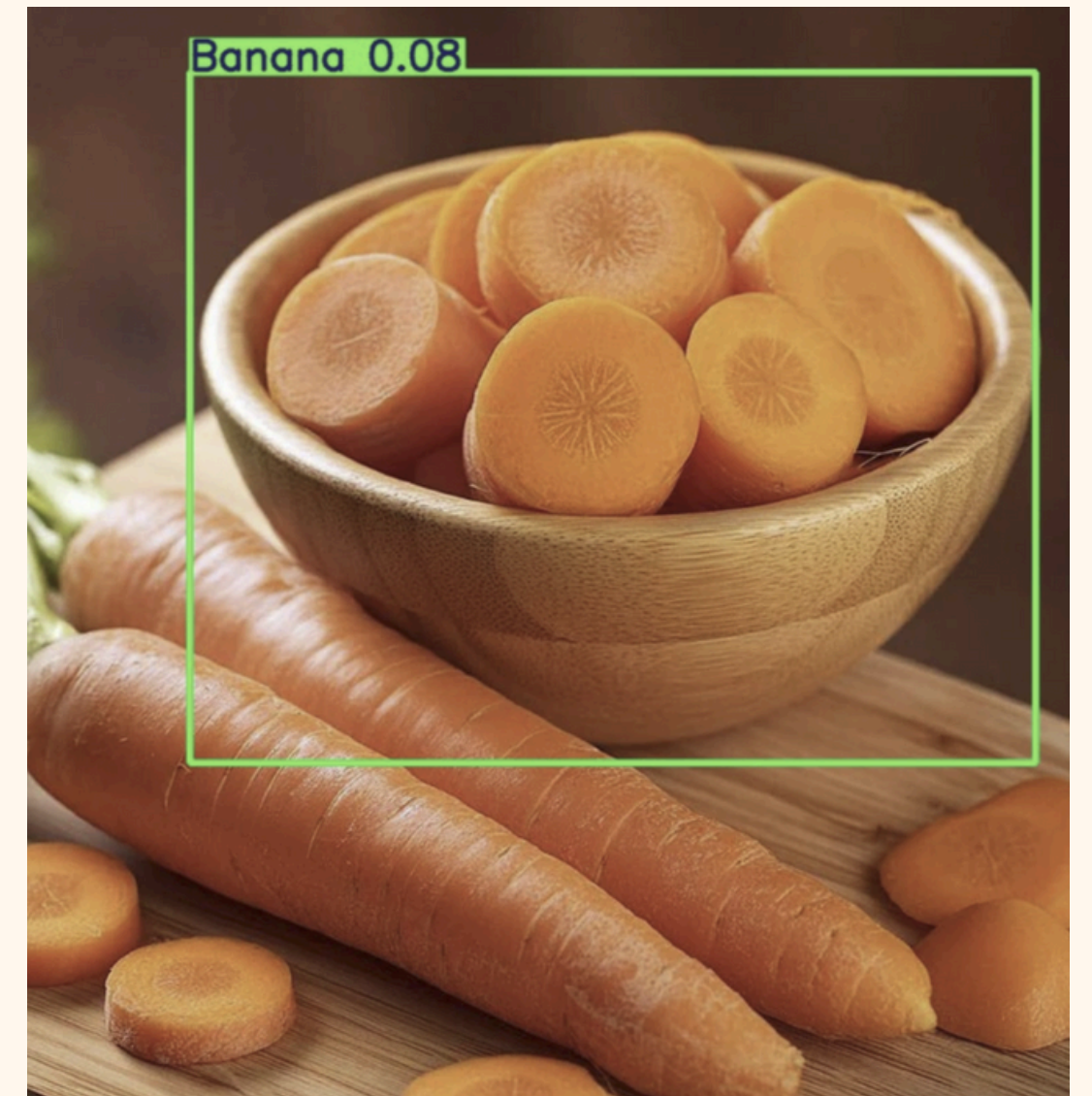
# Démo de l'app





# Difficultés rencontrées

- **Changement de techno**
- **Entraînement de l'IA**
- **Déploiement du Back-end (CROSS origin)**



# Améliorations futures

- **Amélioration de l'IA**
- **Gestion de la vidéo**
- **Proposition des recettes par IA (LLM) + images**
- **Ajout d'un système SAAS avec abonnements**
- **Traduction du site basé sur l'IA (in progress)**
- **Prétraitement des images (in progress)**

