**Climate Project**

Crop\_prediction\_api :

Command 1 : Create the virtual environment:

Git bash : source venv/Scripts/activate

Python dependencies :

pip install Flask numpy pandas scikit-learn

**Generate the .pkl Files (Train Your Models)**

This is the most important step for creating the .pkl files. You will run your training scripts.

1. **Run the crop model training script:**

Bash

python train\_crop\_model.py

python .\train\_price\_model.py

run the [ython flask :  
python app.py

for the Api keys :  
Weather key : <https://openweathermap.org/>

OPENCAGE\_API\_KEY : <https://opencagedata.com/>

PORT=5000

mongodbLink=mongodb://localhost:27017/ClimateProject

OPENCAGE\_API\_KEY=8a6c46c79aee464082bedc520b33c486

WEATHER\_KEY=64c5f9dc48ec31eeb2bcab074ba0737e

Farm id : 68886fba97ead646167ebe79