**Instructions to Run Evasion Attack**

### ****Step 1: Activate the Environment****

Run the following command to activate the virtual environment:

# Replace 'your\_env' with the actual environment name

source your\_env/bin/activate # For Linux/macOS

your\_env\Scripts\activate # For Windows (Command Prompt)

### ****Step 2: Deploy the Model on the Server****

Execute the deployment script:

python deploy.py

### ****Step 3: Open Jupyter Notebook****

Start Jupyter Lab:

jupyter lab

Then, navigate to the following notebooks and execute the cells one by one:

* **FGSM** (Fast Gradient Sign Method)
* **FMN** (Fast Minimum-Norm Attack)
* **C&W** (Carlini & Wagner Attack)
* **PGD** (Projected Gradient Descent Attack)

### ****Step 4: Analyze the Results****

Compare how different evasion attacks affect the model's predictions and performance.