HOW TO RUN THE CODE :

1. Install libraries:

bash

pip install numpy matplotlib tensorflow keras scikit-learn seaborn

2. Organize dataset:

Data/class1/img1.jpg, Data/class2/img1.jpg, ...

3. Save script: Save code as train\_vgg16.py.

4. Run script:

bash

python train\_vgg16.py

5. Monitor output: Check training progress, accuracy, and confusion matrix.

This overview outlines the main steps to prepare, run, and interact with the program.