

C:\Users\Gunag\PycharmProjects\pretrainedmodels\main.py

C:\Users\Gunag\PycharmProjects\pretrainedmodels\venv\Lib\site-packages\torchvision\models_utils.py:208: UserWarning: The parameter 'pretrained' is deprecated since 0.13 and may be removed in the future, please use 'weights' instead.

C:\Users\Gunag\PycharmProjects\pretrainedmodels\venv\Lib\site-packages\torchvision\models_utils.py:223: UserWarning: Arguments other than a weight enum or `None` for 'weights' are deprecated since 0.13 and may be removed in the future. The current behavior is equivalent to passing `weights=AlexNet_Weights.IMAGENET1K_V1`. You can also use `weights=AlexNet_Weights.DEFAULT` to get the most up-to-date weights.

finish of extraction

Validation Accuracy using DecisionTreeClassifier: 97.32%

Validation Accuracy using Gaussian Naive Bayes Classifier: 97.02%

Validation Accuracy using SVM Classifier: 98.11%

[[72 0 0 0]

$$\begin{bmatrix} 0 & 0 & 72 & 0 \end{bmatrix}$$

[0 0 0 120]]

Random Forest Metrics:

Precision: 96.8100

Recall: 97.0200

F1 Score: 98.1010

the performance matrices of Naive Bayes Algorithm

Naive Bayes Metrics:

Precision: 0.9709

Recall: 0.9702

F1 Score: 0.9701

KNN Metrics:

Precision: 0.8695

Recall: 0.8720

F1 Score: 0.8667

Decision Tree Metrics:

Precision: 97.3220

Recall: 96.2120

F1 Score: 96.9100

Process finished with exit code 0





