

Only Download skin cancer folder only

1. Environment Setup

Install Required Libraries: Ensure you have Python installed along with the necessary libraries. You can use pip to install the required packages.

```
import numpy as np
import pandas as pd
import cv2
import matplotlib.pyplot as plt
import torch
from torchvision import transforms
from torch.utils.data import Dataset, DataLoader
import seaborn as sns
```

2. download the folder (github or drive)

3. file save the Desktop in your computer or laptop (c:/)

4 .download the keggle images save the dataset file in
keggle(<https://www.kaggle.com/competitions/isic-2024-challenge/data>)

5. run app.py python file

6. skin-cancer-detection-eda-image-processing.ipynb/EDA.ipynb:

This is the Jupyter notebook used to define and train the model.

7 . app.py:

This is the flask app that needs to run in order to use the webapp

8 train.py:

This contains the definition of the CNN model.

9 .resnet_model.h5:

Contains the weights of the Resnet50 model extract model(extract model in the model folder).

10 . Ctrl + mouse click the <http://127.0.0.1:5000> url you can go to web page

