Melanoma Assignment

Objective :- To build a CNN based model to predict the Melanoma a type of cancer that can be deadly. A solution is needed that can evaluate images and alert dermatologists the presence of melanoma.

The file consists of different data set for following diseases :-
- Actinic keratosis
- Basal cell carcinoma
- Dermatofibroma
- Melanoma
- Nevus
- Pigmented benign keratosis
- Seborrheic keratosis
- Squamous cell carcinoma
- Vascular lesion

These data sets consists of images for different diseases, we have to use CNN model to understand and train the model to predict the disease. With these built model will be usefult to calssify melanoma with just images processing and will be useful to dermatologists.

Project Pipeline :-

Data Reading

Data Understanding Defining the path for train and test images

Dataset Creation

Dataset visualisation

Model Building & training