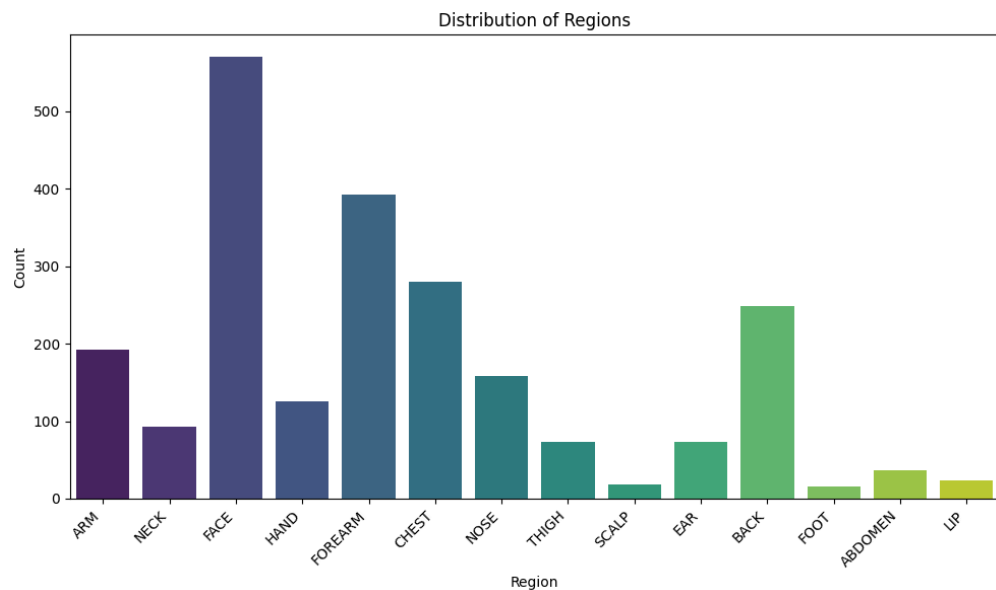**Data Appendix**

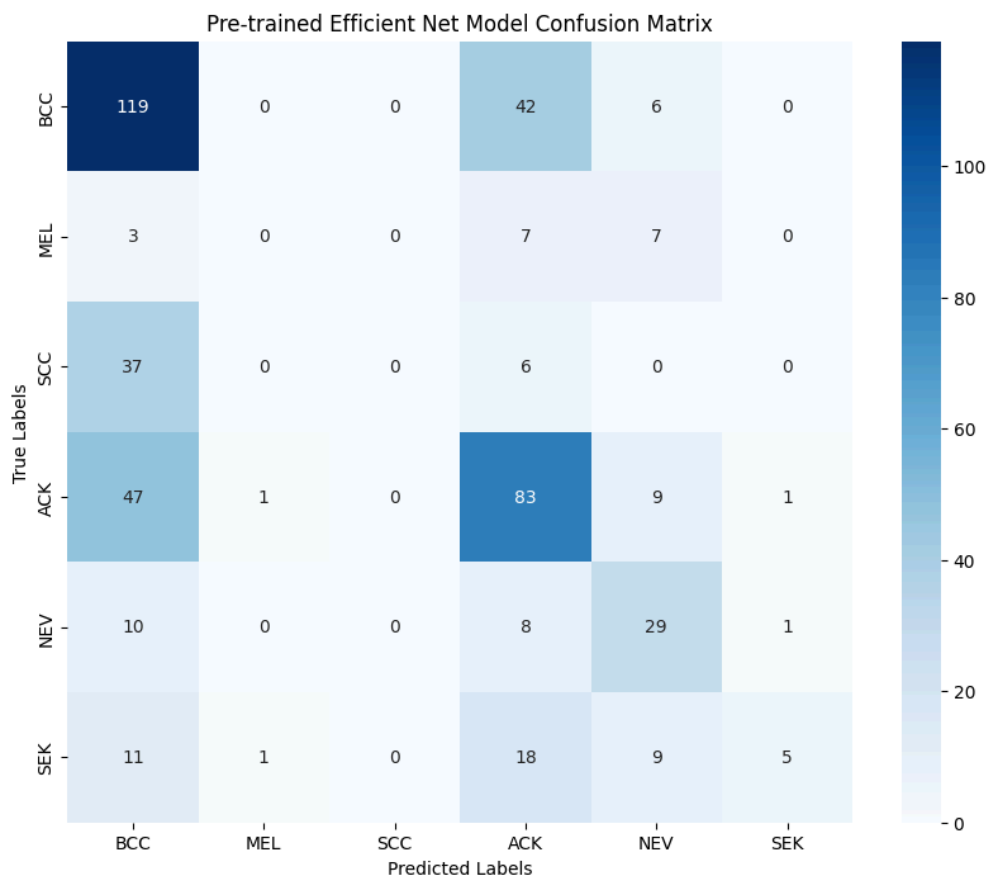| Data Name	Explanation	Class
Img_ID	path to access image	Path
Class	Type of Skin cancer 'BCC':0, 'MEL':1, 'SCC':2 , 'ACK':3, 'NEV':4, 'SEK':5	Numeric

Data Analysis
Unit of observation: Image
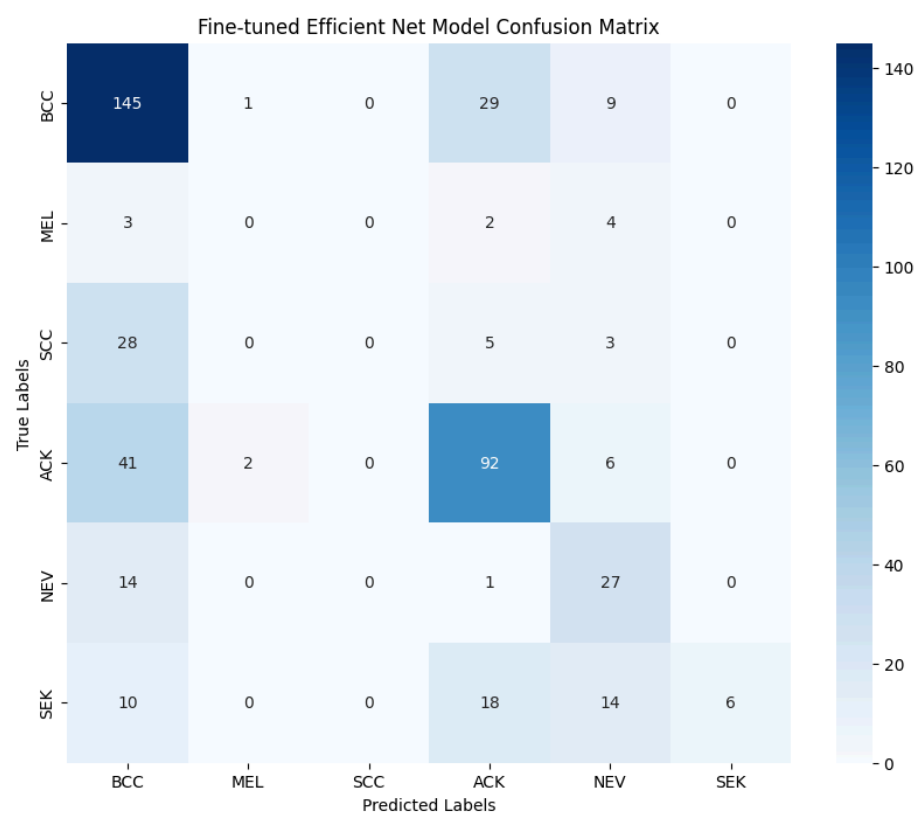
Data Exploration:

Distribution of Regions

Model Accuracies:

Pre-trained Efficient Net Model Confusion Matrix
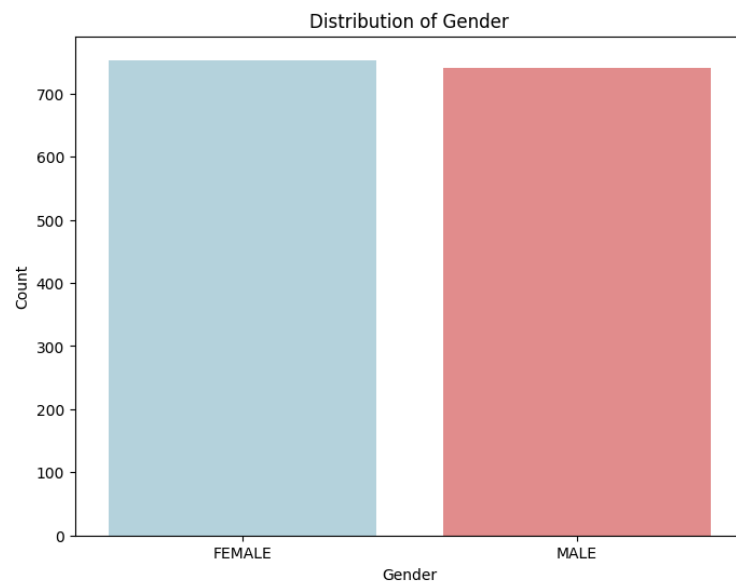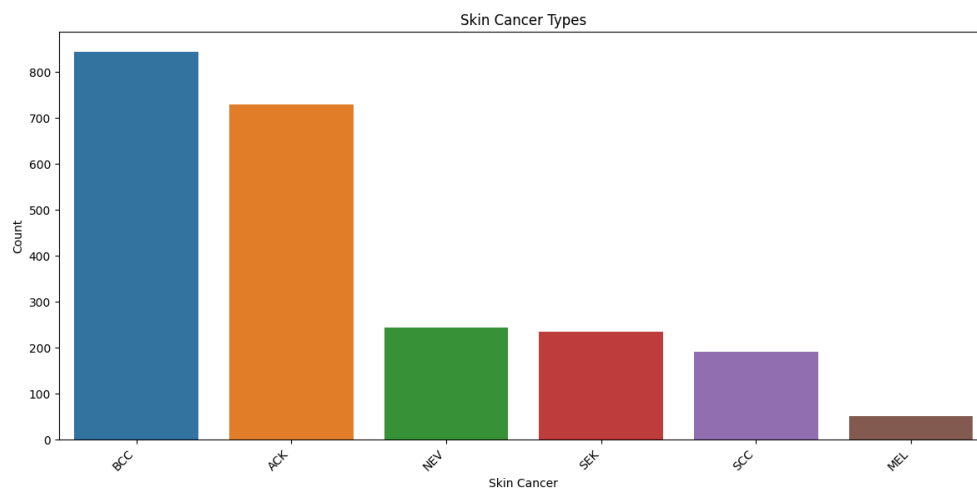
Accuracy: 0.10652173913043478
F1 Score: 0.08758072391656298
AUC: 0.4489622428549329

Fine-tuned Efficient Net Model Confusion Matrix

Accuracy: 0.5869565217391305
F1 Score: 0.34295829442888265
AUC: 0.7552363960727261

Pre-trained Efficient Net Model Confusion Matrix
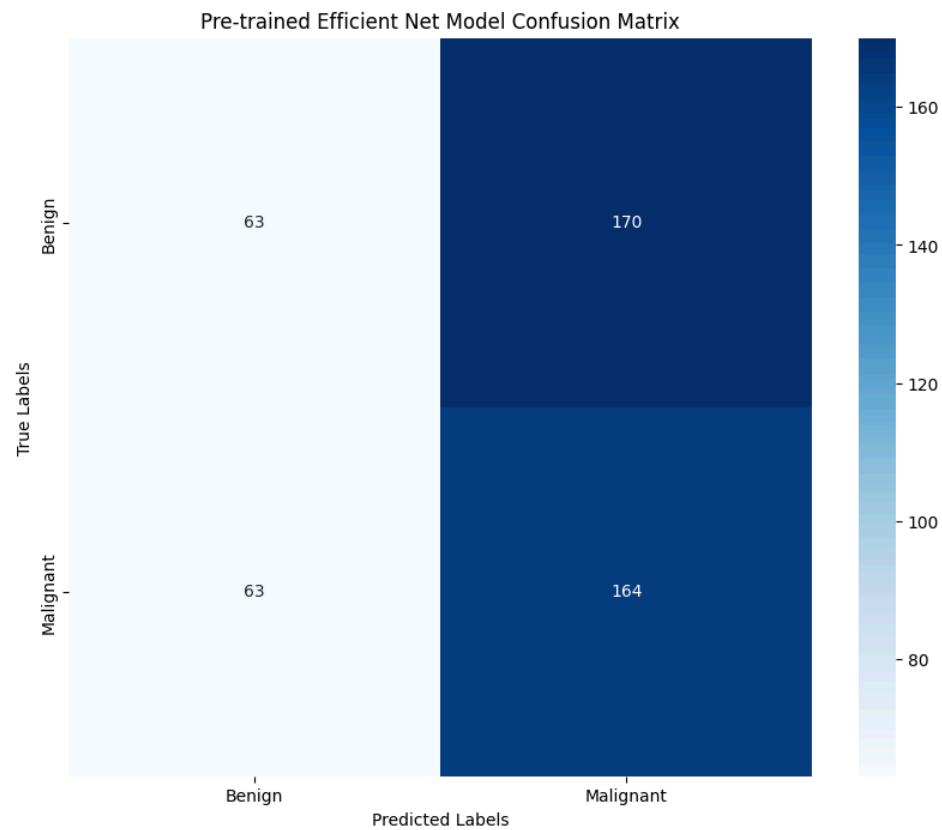
Accuracy: 0.4934782608695652
F1 Score: 0.46782258104558616
AUC: 0.5241912612731845

Fine-tuned Efficient Net Model Confusion Matrix
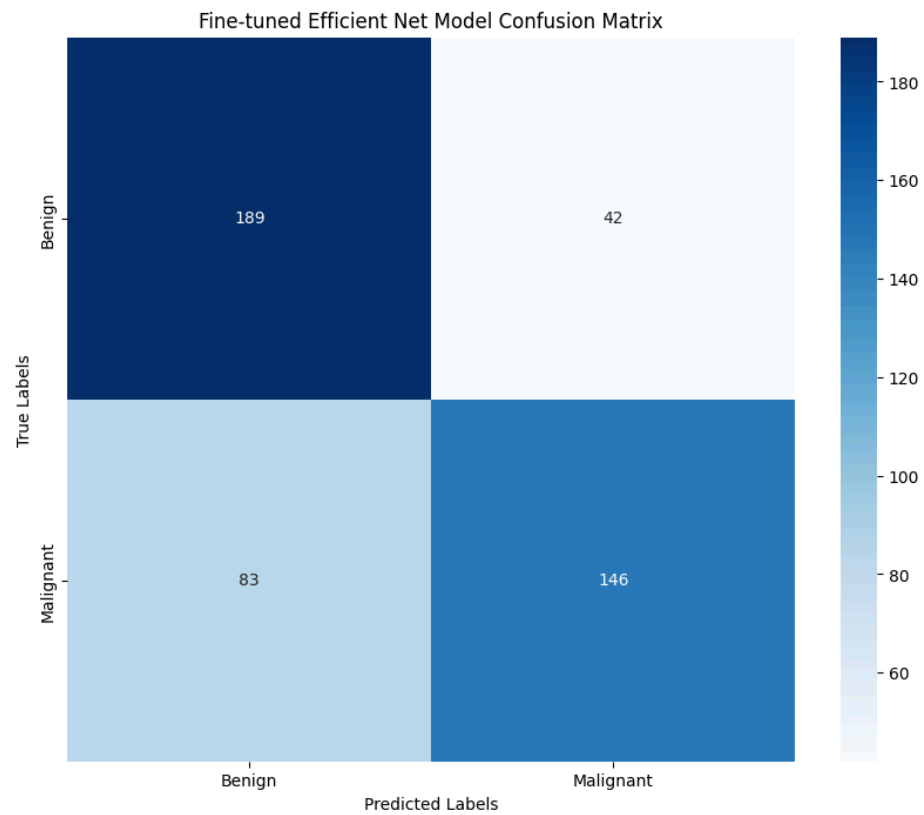
Accuracy: 0.7282608695652174
F1 Score: 0.7258654309157049
AUC: 0.8083895725817123