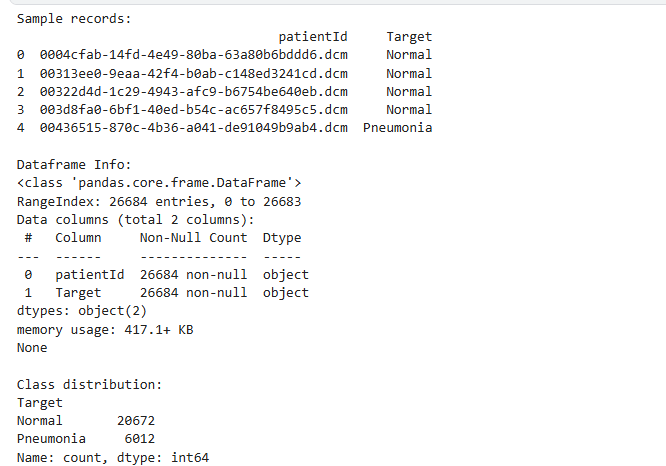
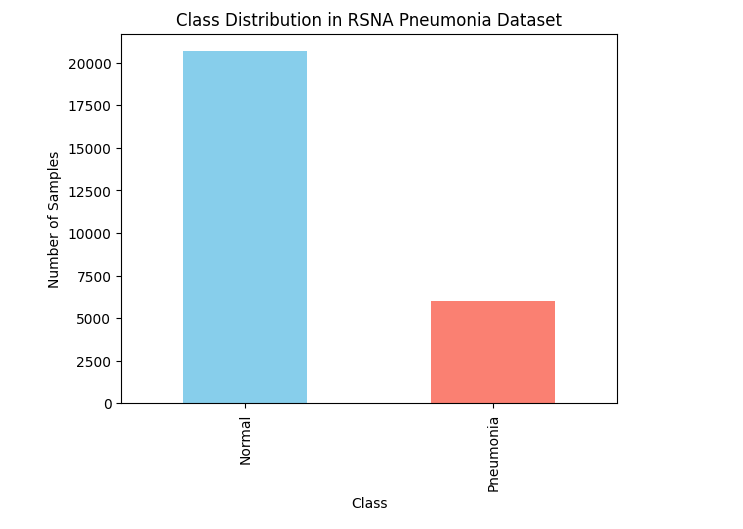
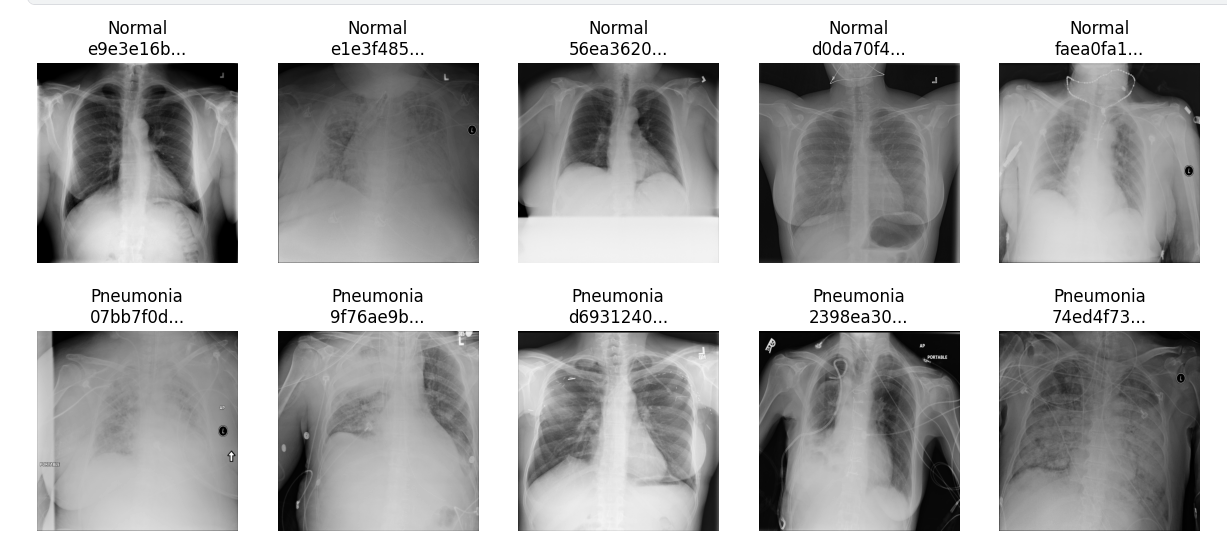
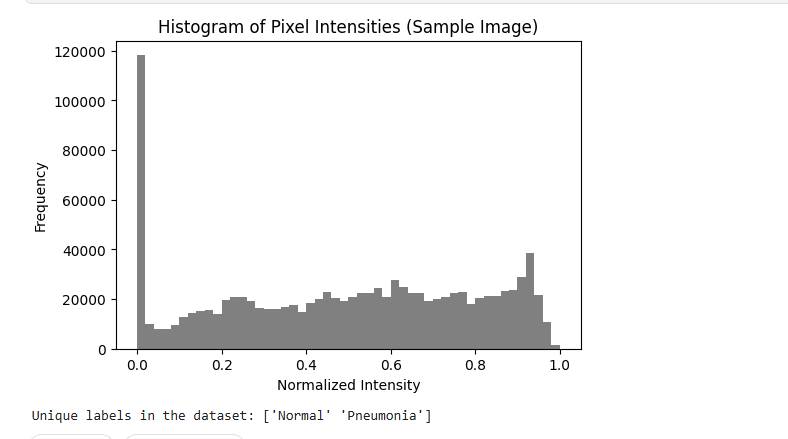
# Dataset

# Dataset Used and it’s path

dataset\_path = "/kaggle/input/rsna-pneumonia-detection-challenge"

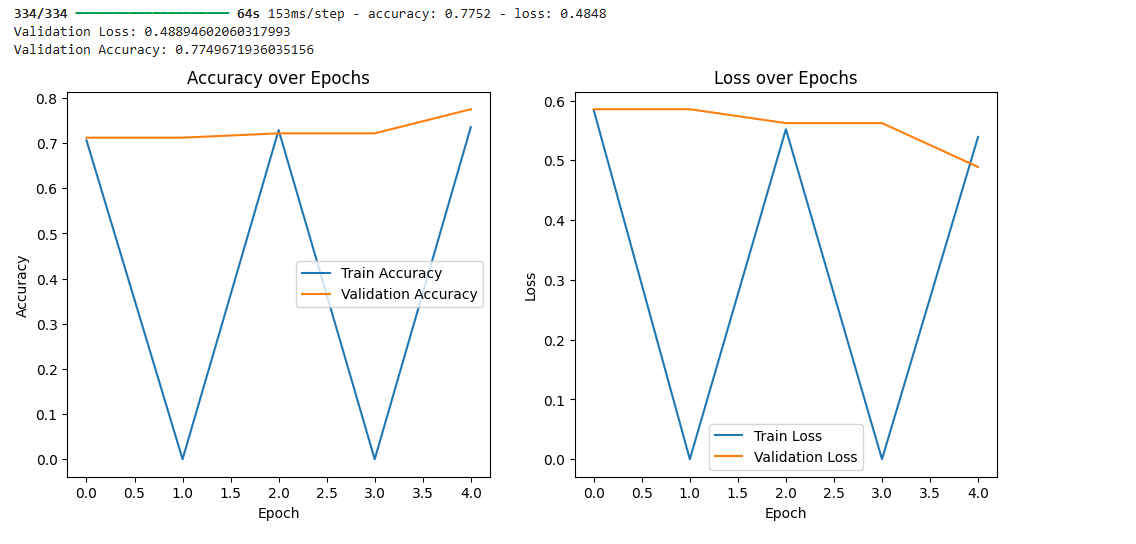
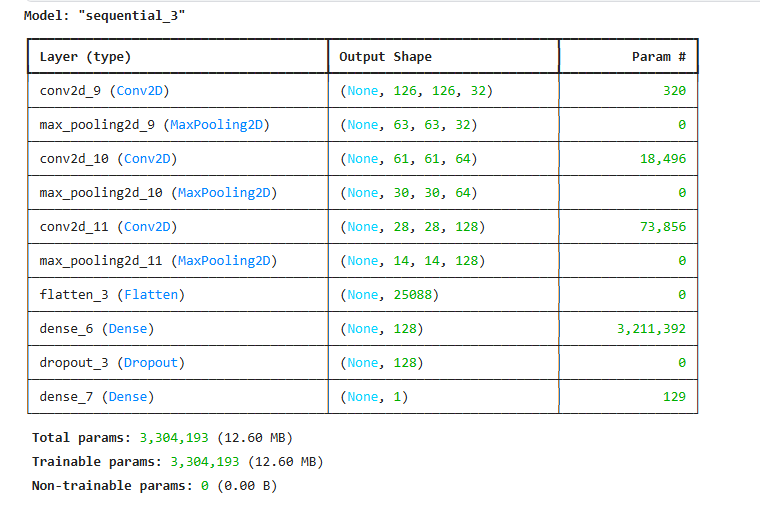


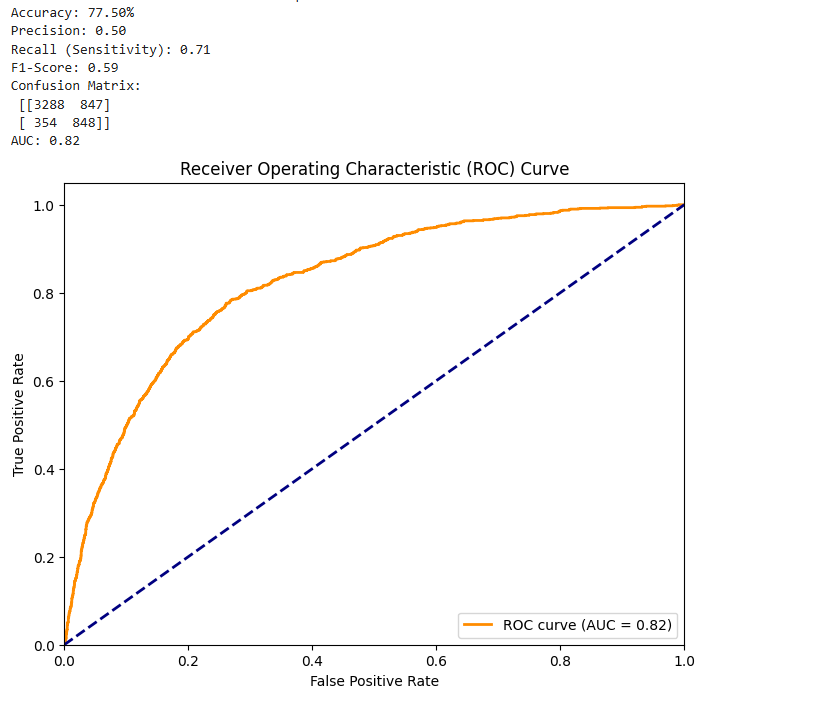




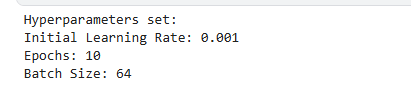
# Basic-CNN

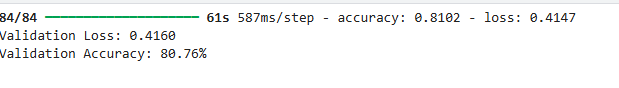
Train samples: 21347 Validation samples: 5337

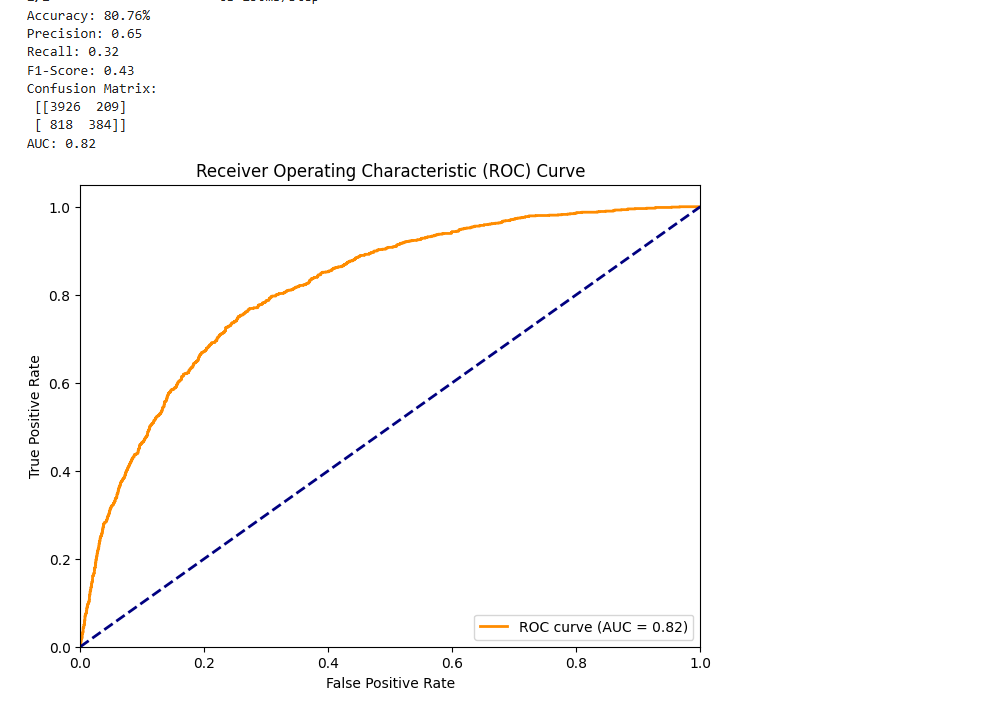




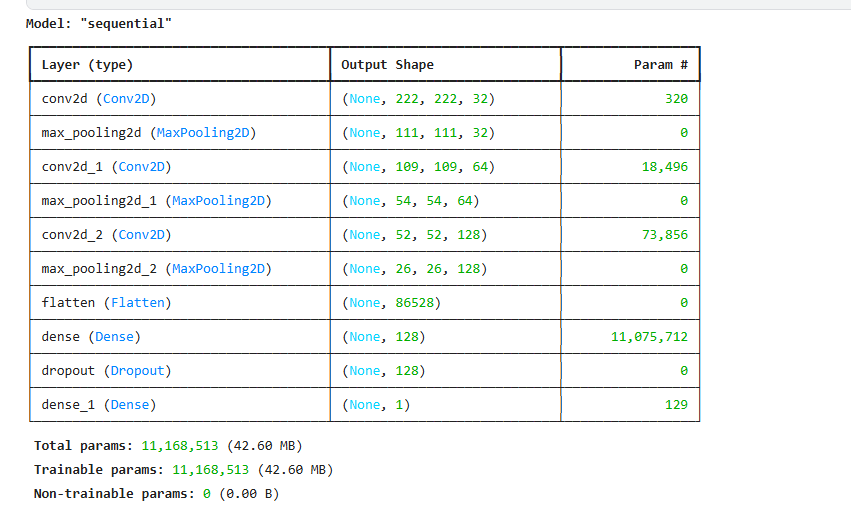
# FineTuning CNN (HyperParameter Tuning)

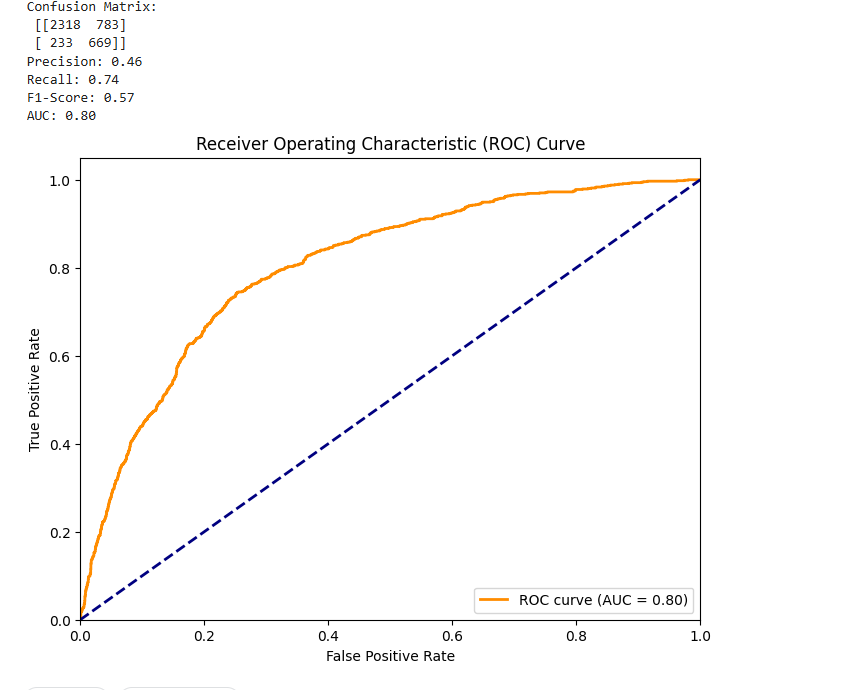
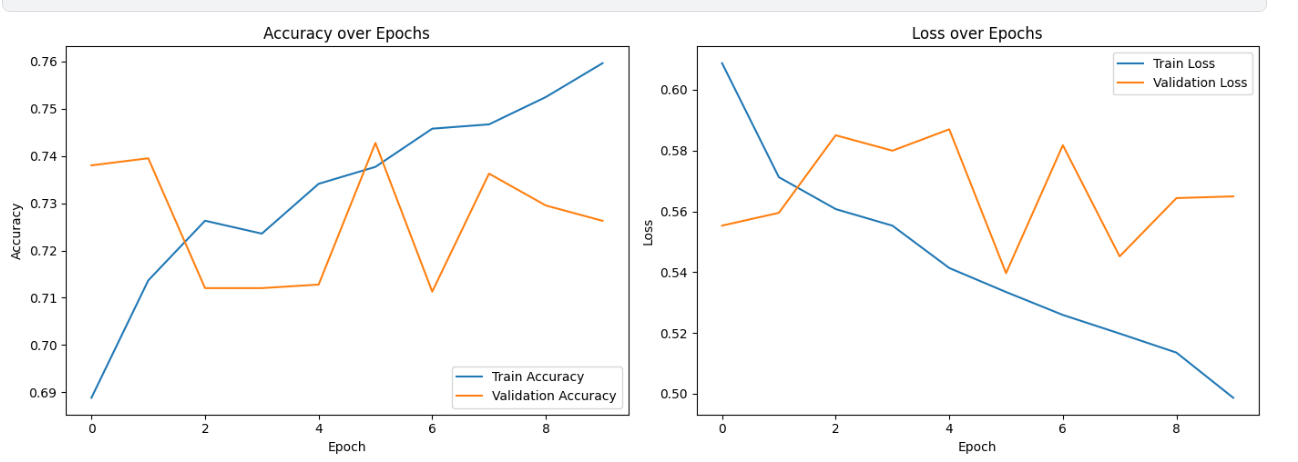




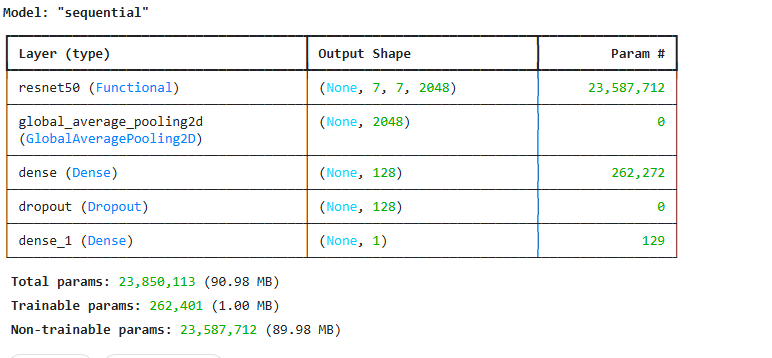


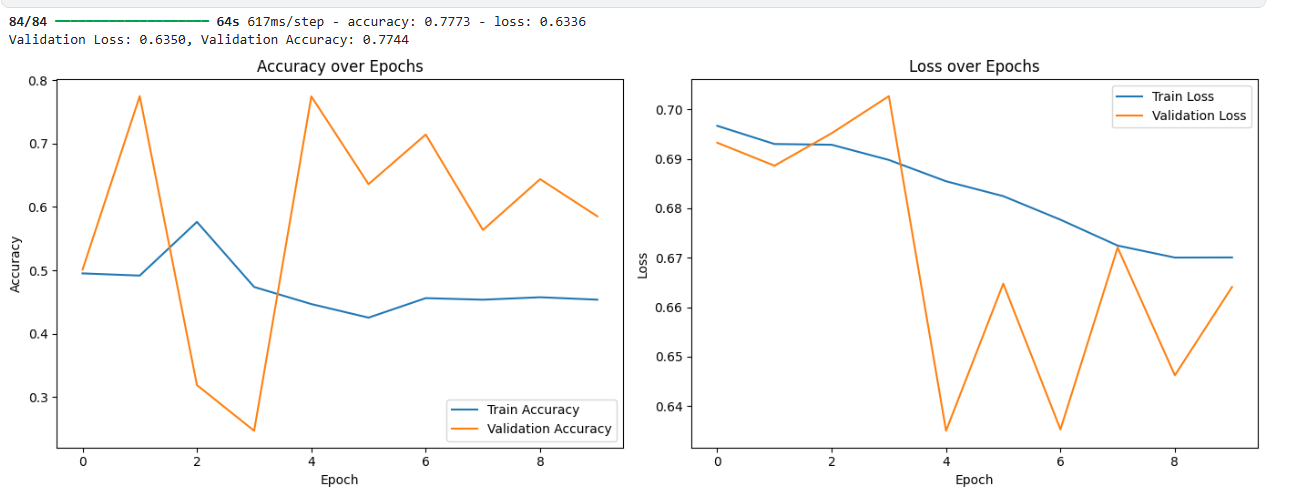
# CNN more Tuning (HyperParameter Tuning)

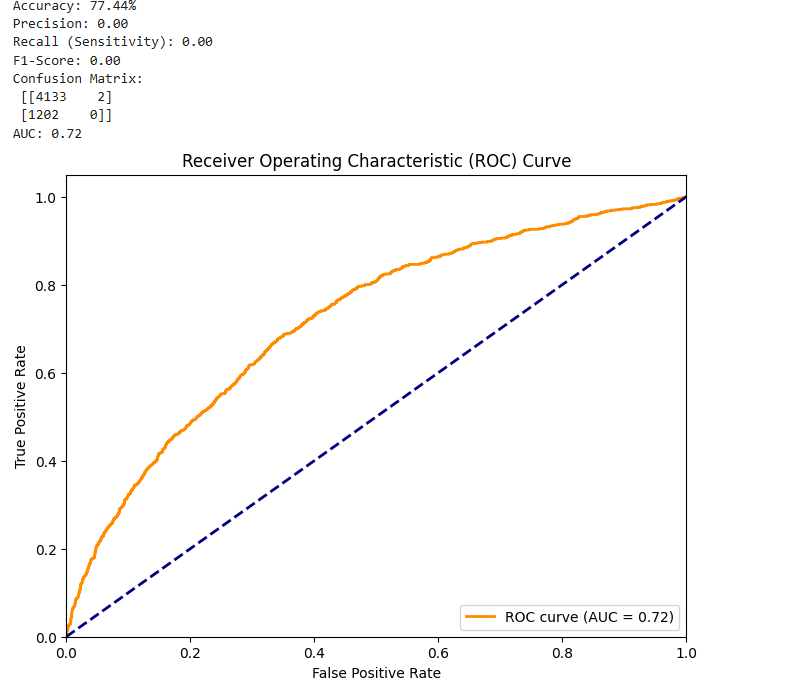


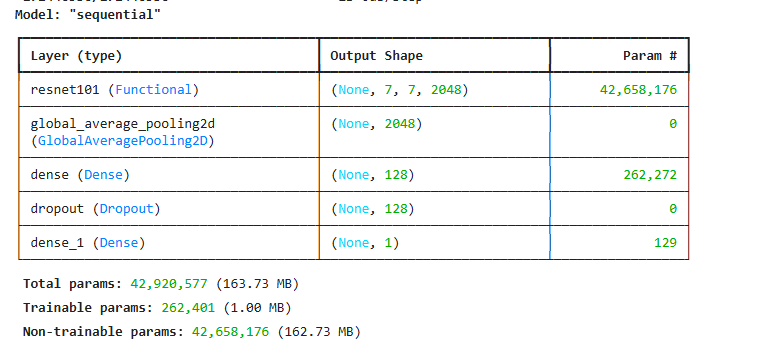
# Resnet50 basic with frozen layers

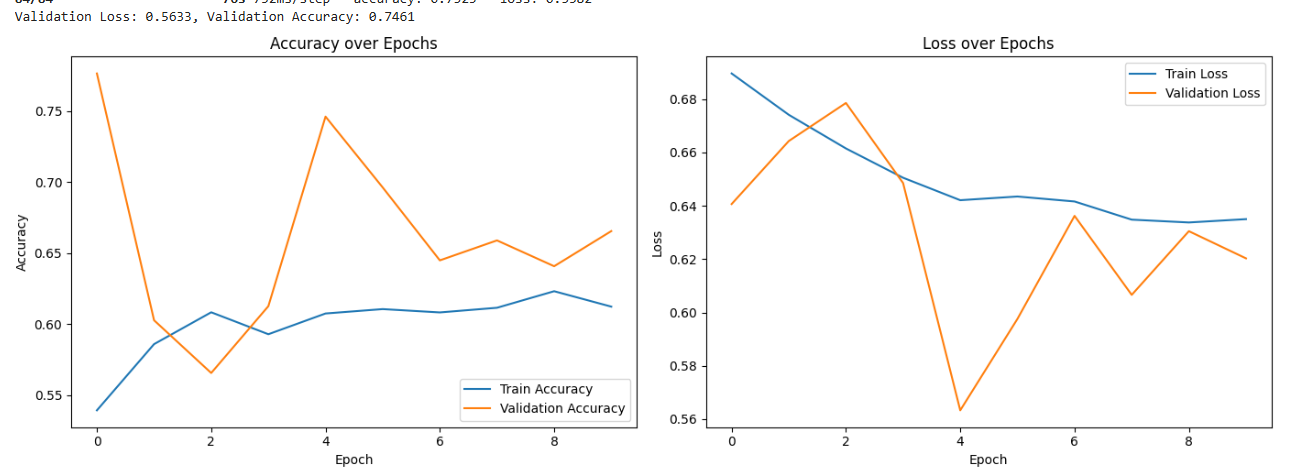
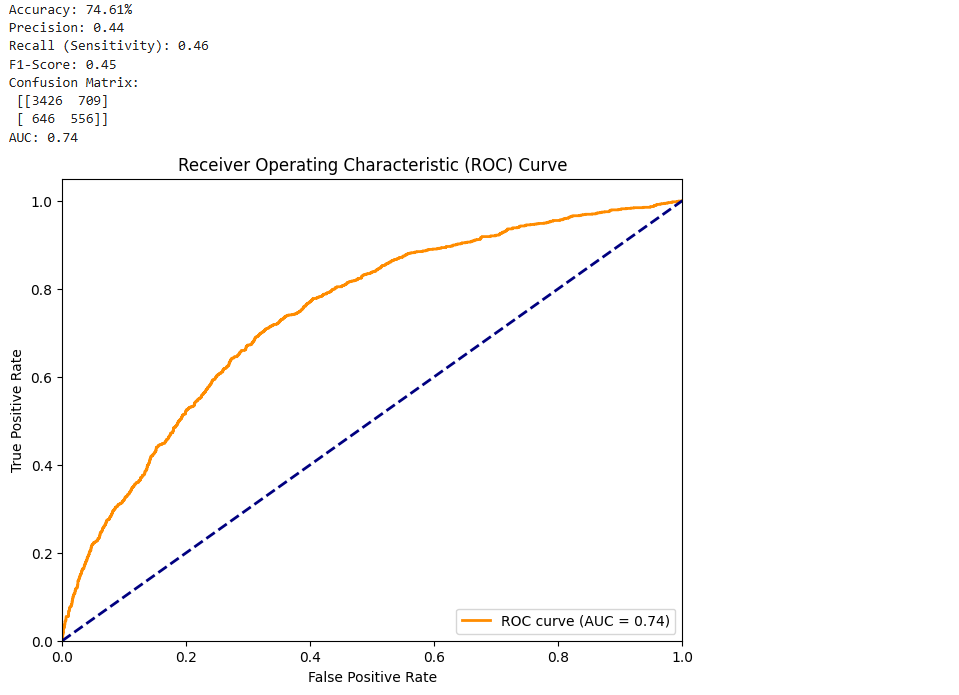




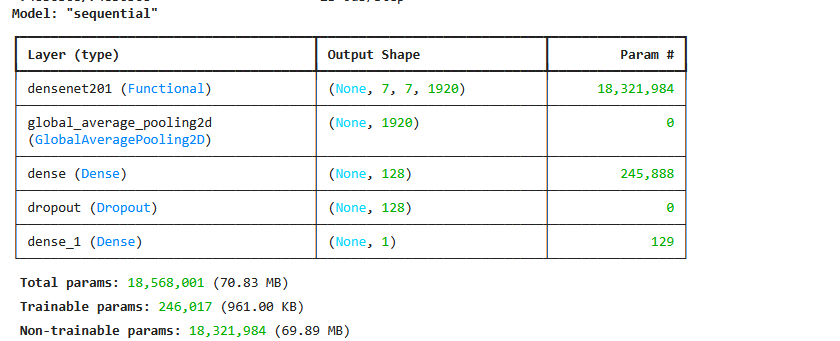


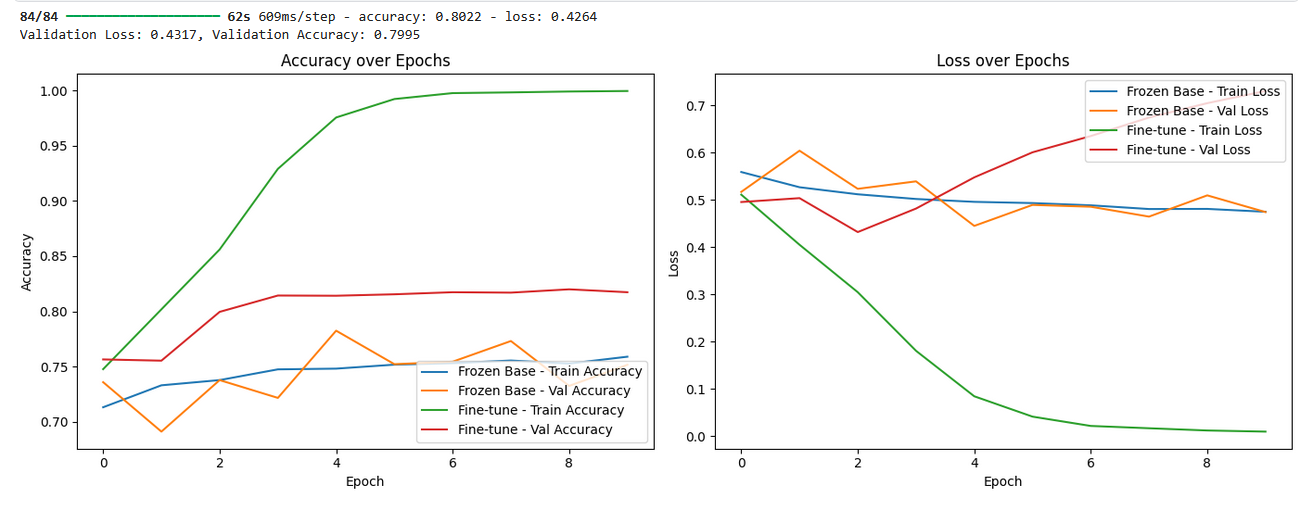
# Resnet101 Bsic/Frozen Layers



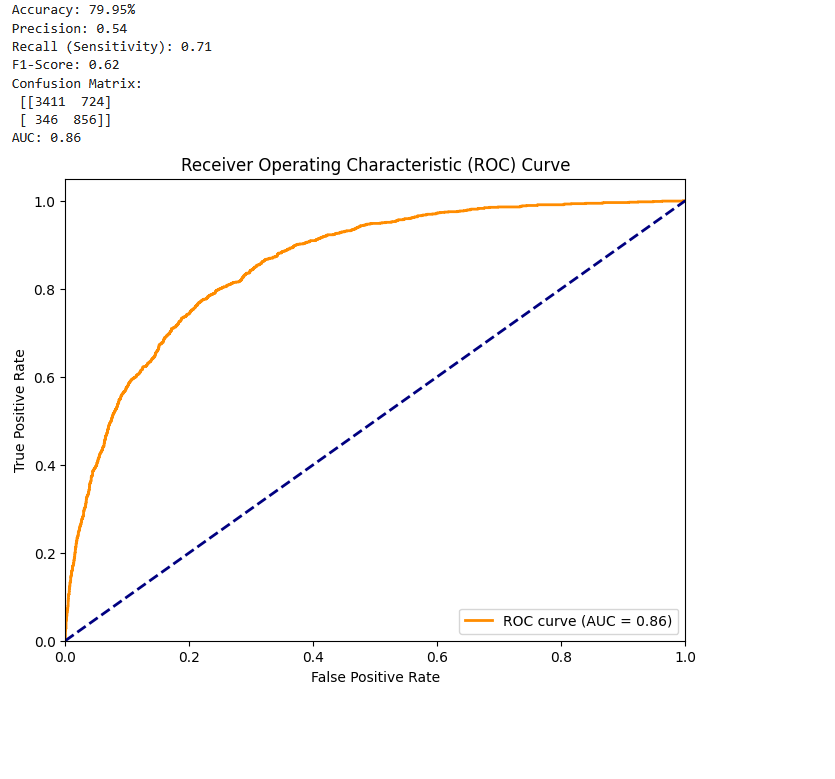
 

# DenseNet201 (Tuning the base mode(frozen layers))

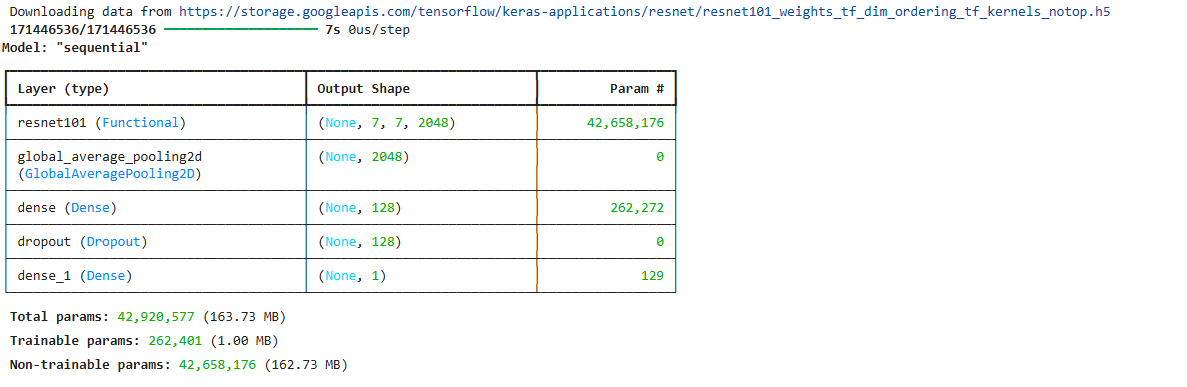


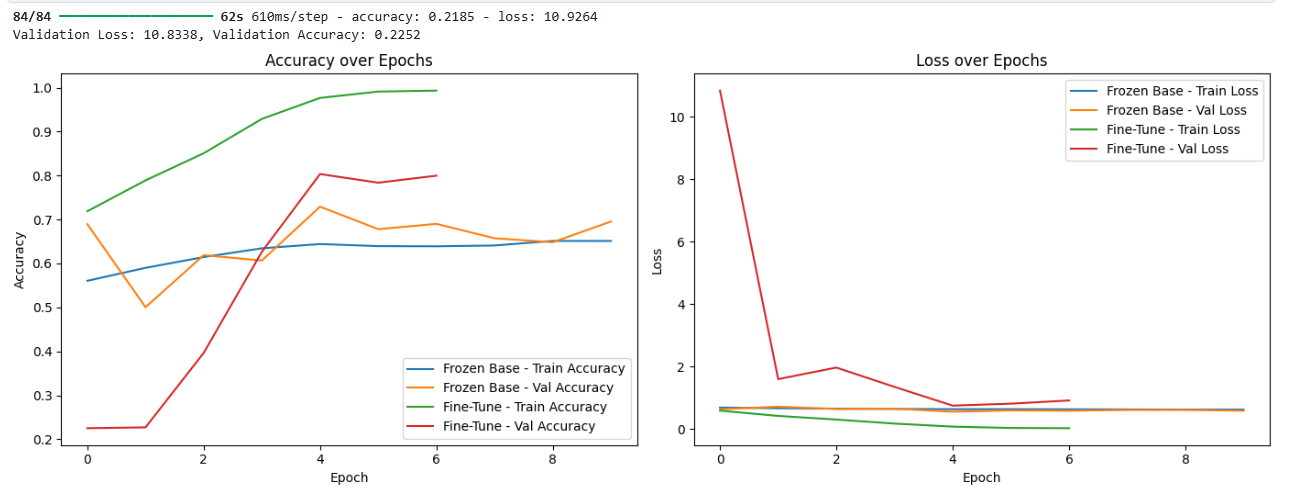


## Metrices of improved model after turing basic model

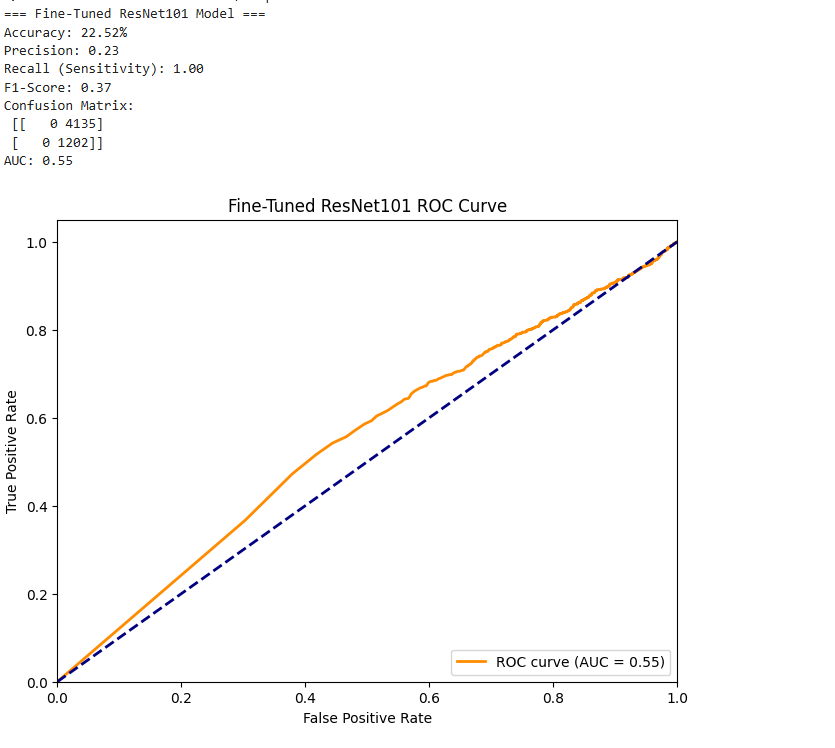


# Resnet101 Tuning

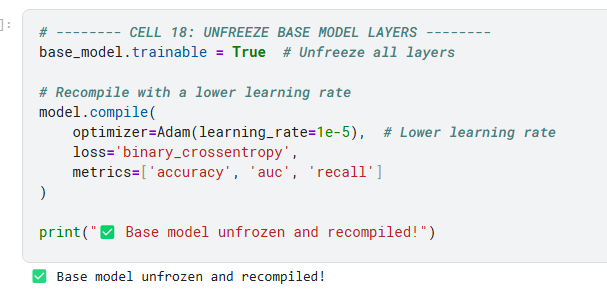




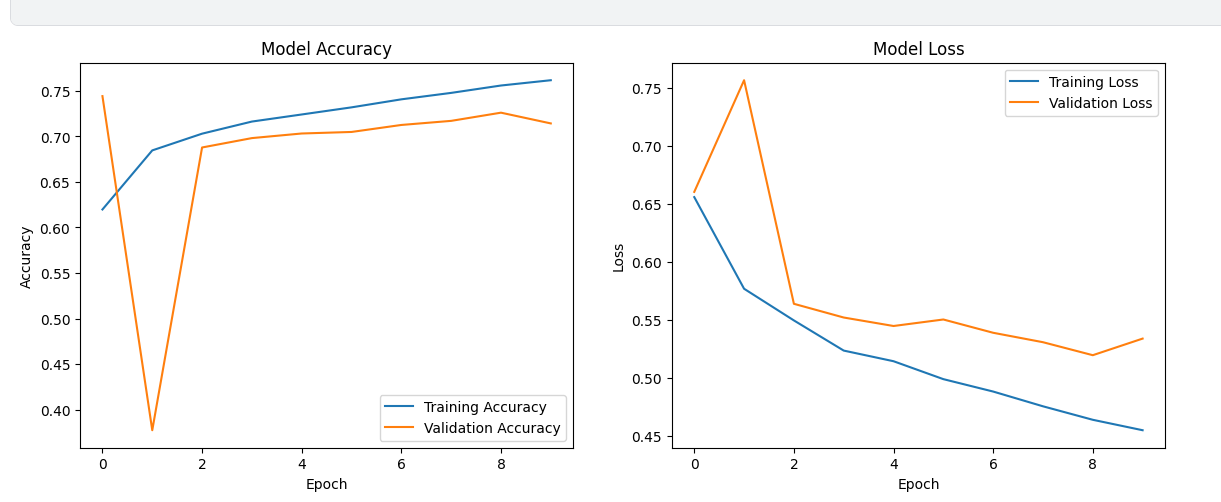
#### Resnet101 finetuned outputs

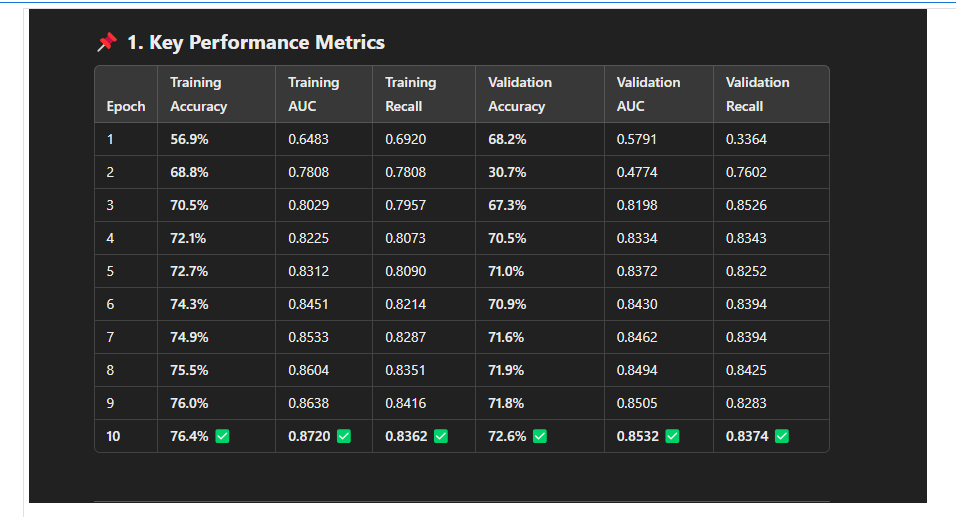


# EfficinetB0 finetuning(Unfreezed layers)

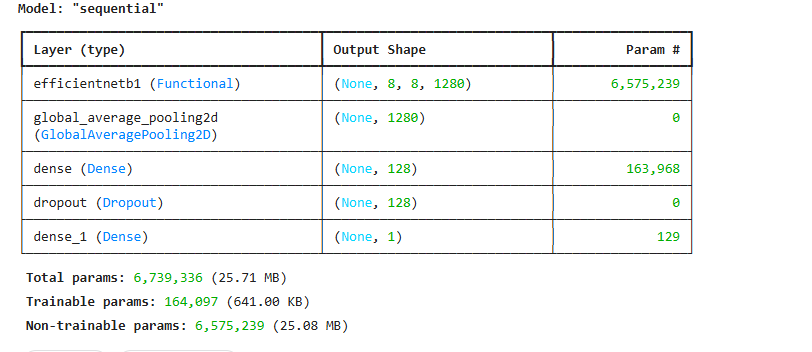


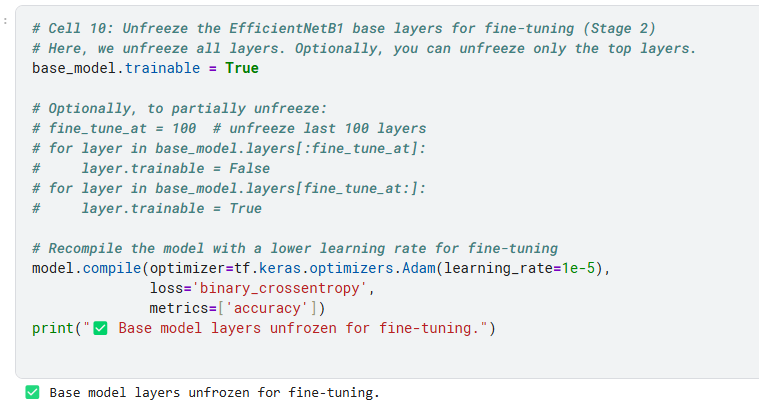




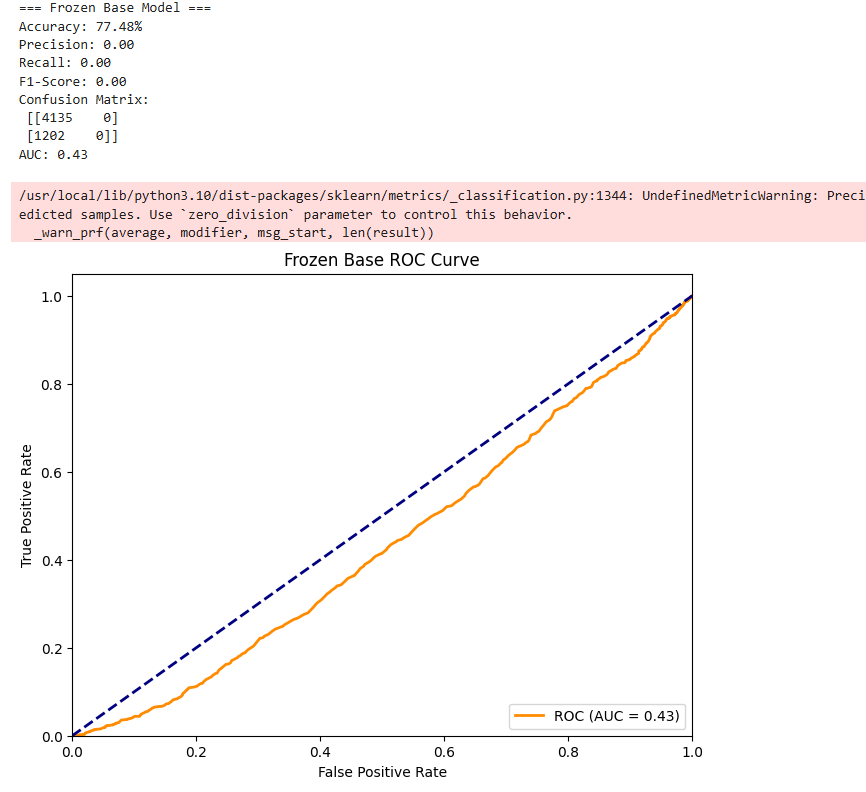


# Efficnetnet B1 (FineTuned)

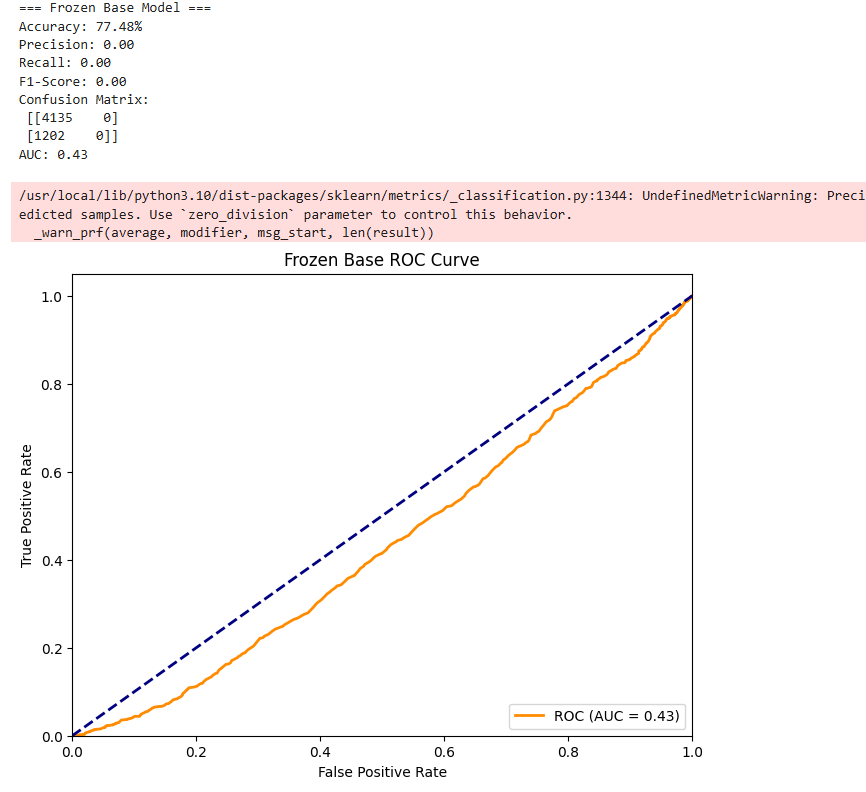


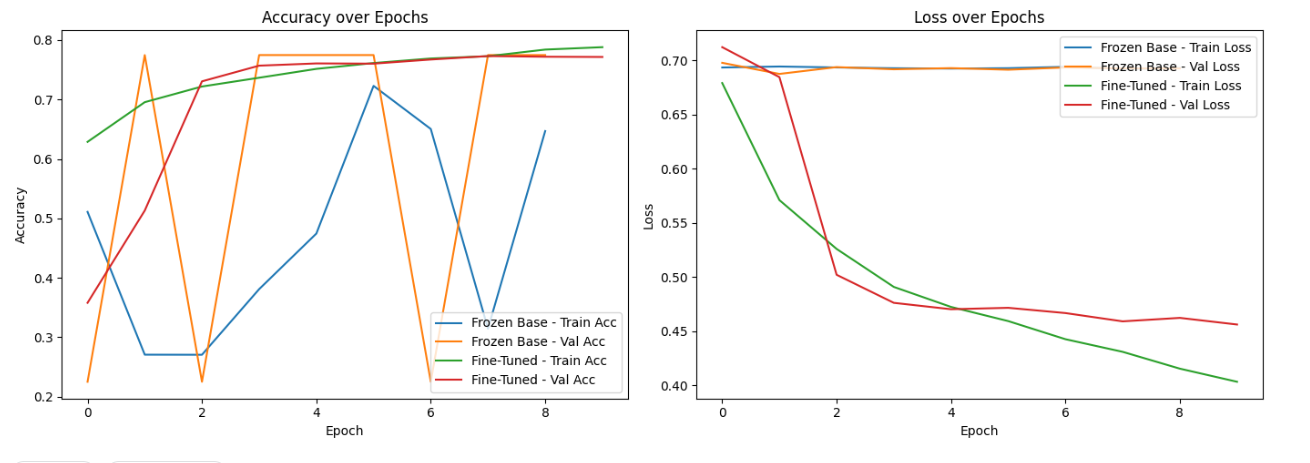


#### Frozen basic model

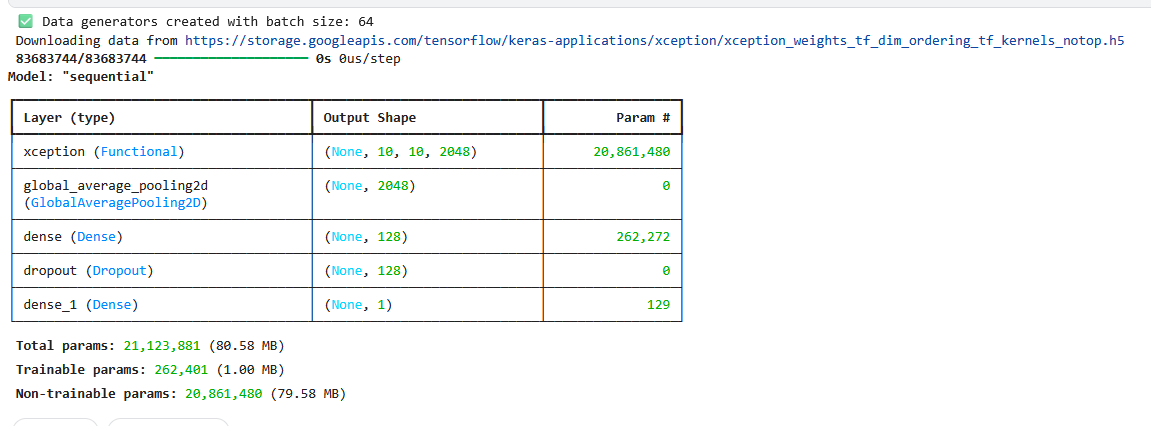


#### Fine Tuned

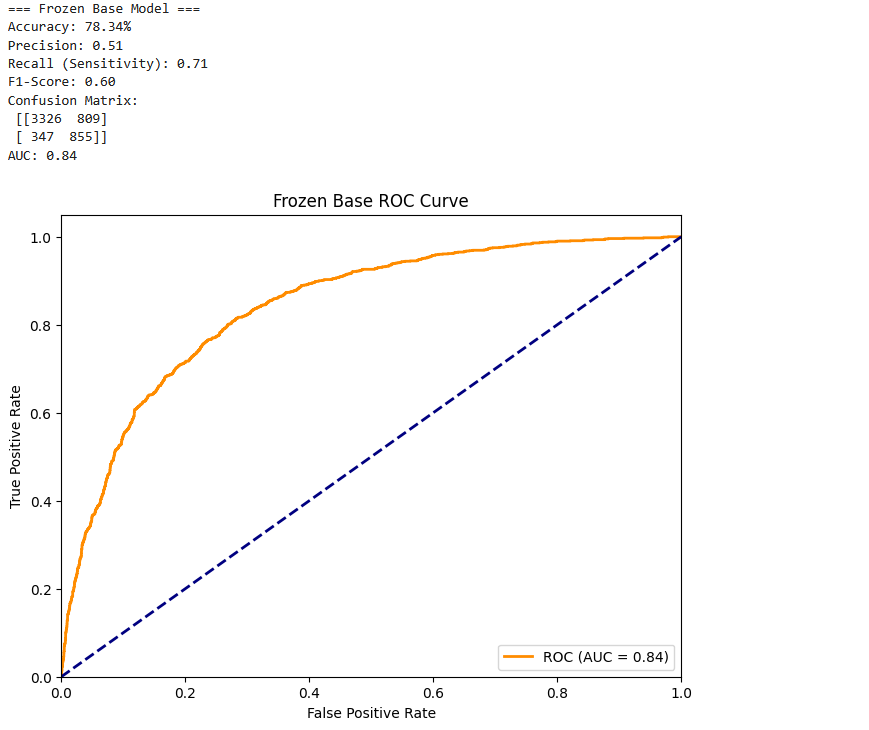




# Xception Fine Tuned



#### Basic model frozen



#### Fine Tuned

