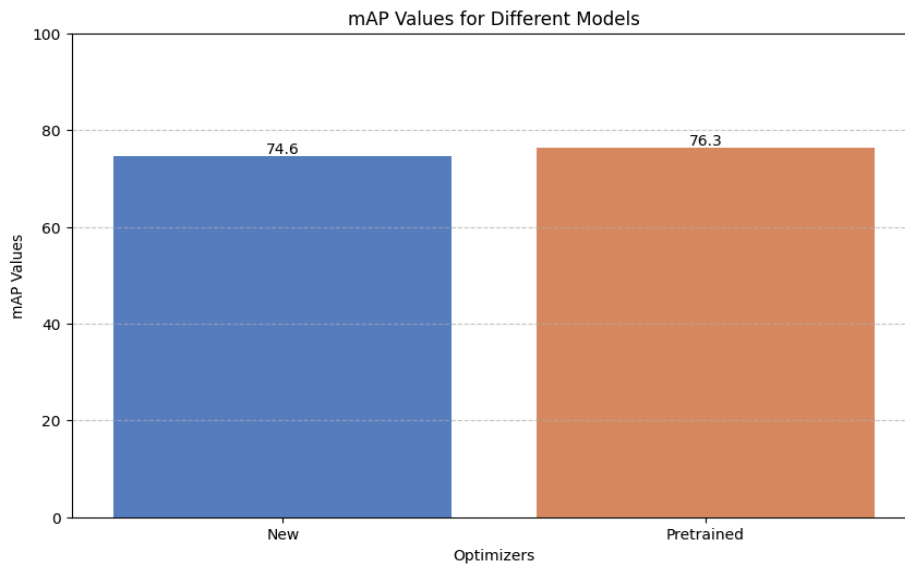


Evaluation Summary

PRETRAINED VS FROM SCRATCH:

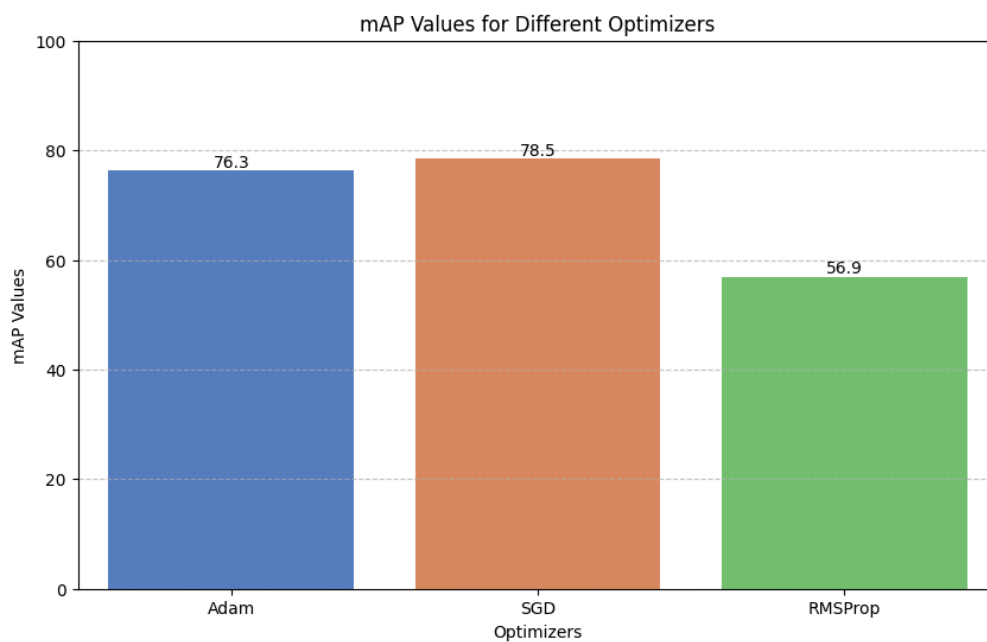
(Other Hyper-parameter: Epoch=20 , Batch_size=16 , Image_Size=640 , Optimizer=Adam , Learning Rate=0.01)



Conclusion: Pretrained model produces best results

USING DIFFERENT OPTIMIZERS:

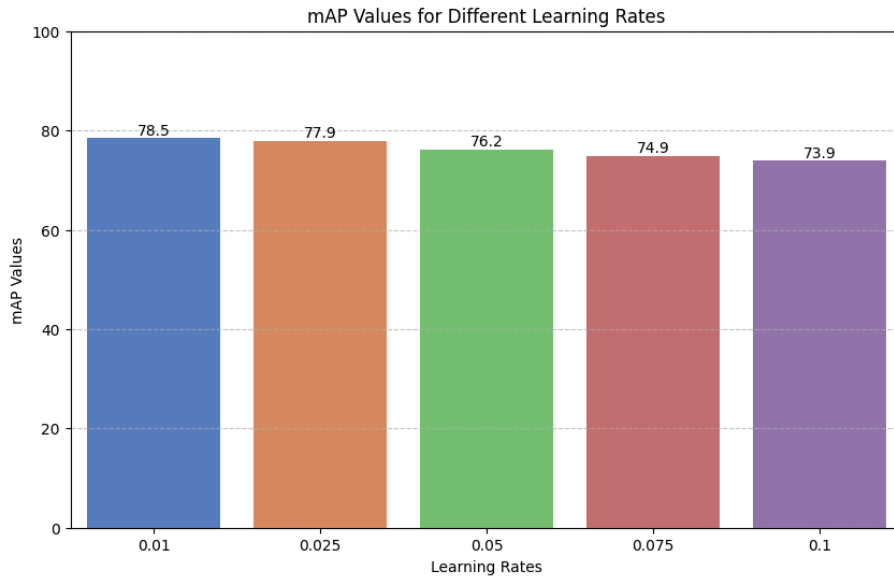
(Other Hyper-parameter: Epoch=20 , Batch_size=16 , Image_Size=320 , Learning Rate=0.01)



Conclusion: SGD produces best results

USING DIFFERENT LEARNING RATES:

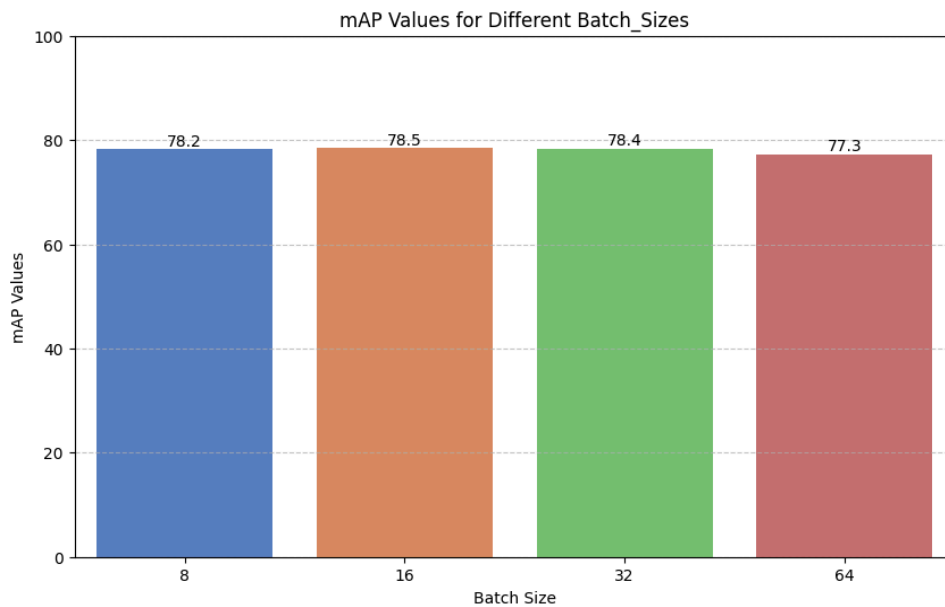
(Other Hyper-parameter: Epoch=20 , Batch_size=16 , Image_Size=320 , Optimizer=SGD)



Conclusion: Learning_Rate=0.01 produces best results

USING DIFFERENT BATCH SIZES:

(Other Hyper-parameter: Epoch=20 , Learning_Rate=0.01 Image_Size=320 , Optimizer=SGD)



Conclusion: Learning_Rate=0.01 produces best results

Optimal Solution : Learning Rate = 0.01 , Optimizer=SGD, Epoch=25,
Image_Size = 640 , Batch_Size=16, Dropout= 0.5 (mAP = 80%)