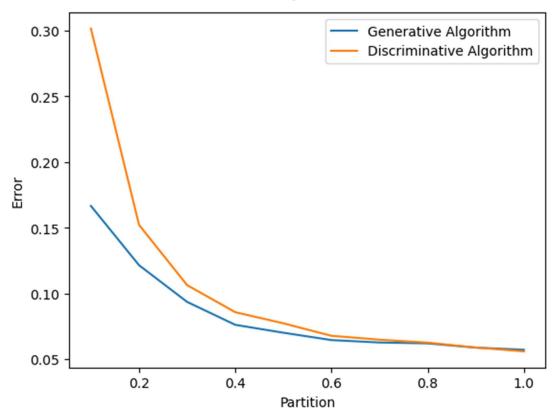
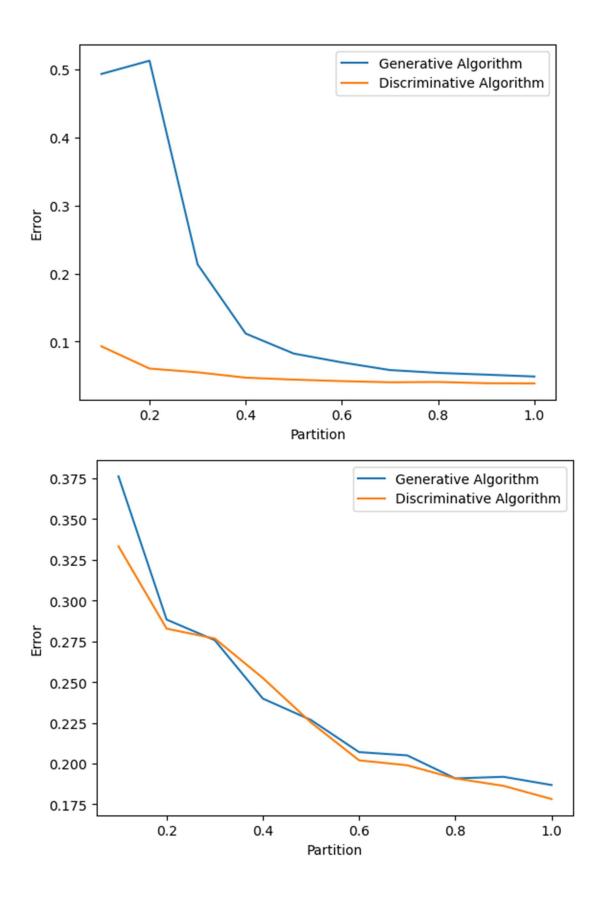
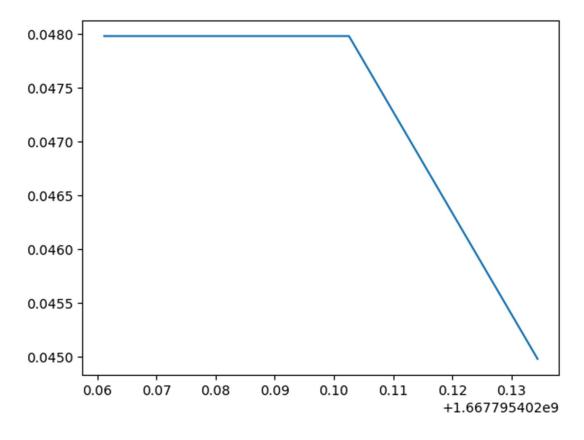
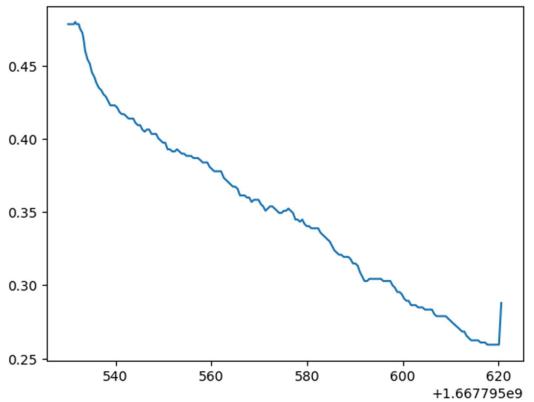
## Assignment 3



We can conclude that generative performed better when data set is small and discriminative performed better when data set is bigger







For the dataset A newton performed better than gradient ascent. The USPS dataset was not working for my code so couldn't derive any conclusion from that