ReadMe

1. P1A:
   1. Without Data Augmentation
      1. **Command to run:** 
         1. python p1a.py --save  "model\_p1a\_non\_augment" --augment "N"
      2. **Hyper Parameters:**
         1. Epoch=4
         2. Batch Size=20
      3. **Reasoning:**
         1. Without augmentation, we suffer from severe overfitting, the training accuracy goes to 99 percent if we keep on increasing epochs while testing accuracy decreases back to 50 percent which is the same as random classification.
         2. So, I chose less epochs and I got an accuracy of:
            1. 53 % on testing images
            2. 71 % on training images
   2. With Data Augmentationgr
      1. **Hyper Parameters:**
         1. Epoch=10
         2. Batch Size=20
      2. **Reasoning:**
         1. Without augmentation, we suffer from severe overfitting, the training accuracy goes to 99 percent if we keep on increasing epochs while testing accuracy decreases back to 50 percent which is the same as random classification.
         2. So, I chose less epochs and I got an accuracy of:
            1. 53 % on testing images
            2. 73 % on training images