

Homework 1 - CS 4342

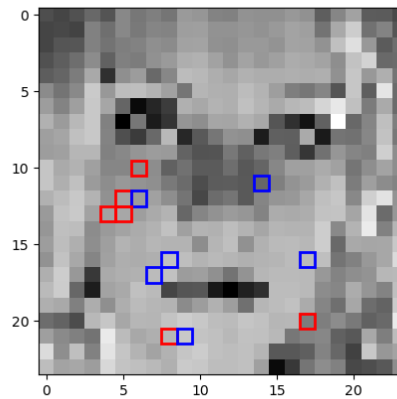
- **Kushal Gandhi**

Training & Testing Accuracies:

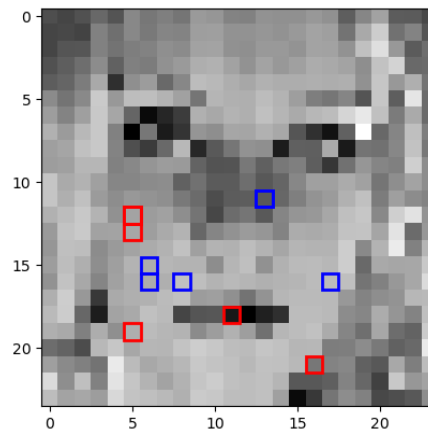
1. 400 Training Accuracy: 84.25 Testing Accuracy: 71.11597374179432
2. 600 Training Accuracy: 83.0 Testing Accuracy: 75.0
3. 800 Training Accuracy: 80.75 Testing Accuracy: 70.62363238512035
4. 1000 Training Accuracy: 82.0 Testing Accuracy: 74.50765864332604
5. 1200 Training Accuracy: 80.41666666666667 Testing Accuracy: 75.60175054704595
6. 1400 Training Accuracy: 80.21428571428572 Testing Accuracy: 75.76586433260394
7. 1600 Training Accuracy: 79.625 Testing Accuracy: 76.80525164113786
8. 1800 Training Accuracy: 79.0 Testing Accuracy: 76.09409190371991
9. 2000 Training Accuracy: 78.4 Testing Accuracy: 76.47702407002188

Pixel Pairs:

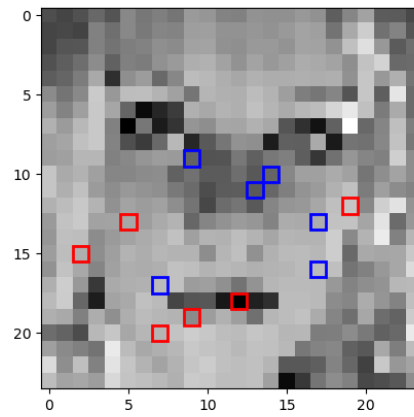
1. $N = 400$



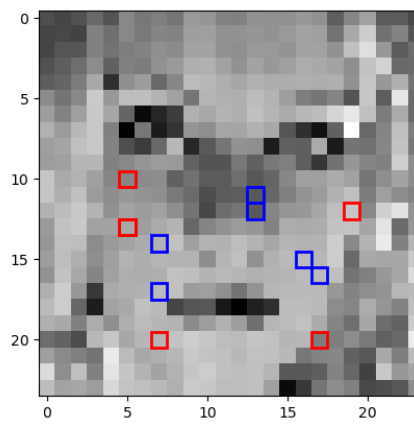
2. $N = 600$



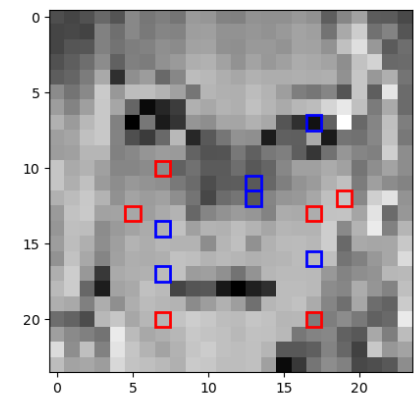
3. $N = 800$



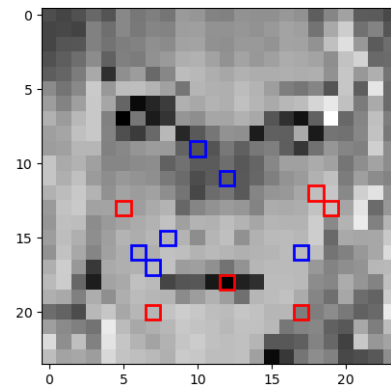
4. $N = 1000$



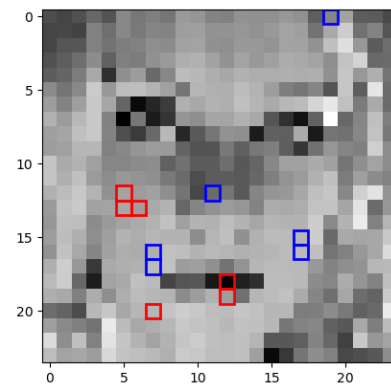
5. $N = 1200$



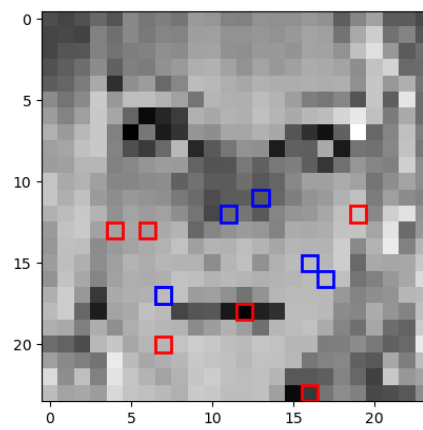
6. $N = 1400$



7. $N = 1600$



8. $N = 1800$



9. $N = 2000$

