

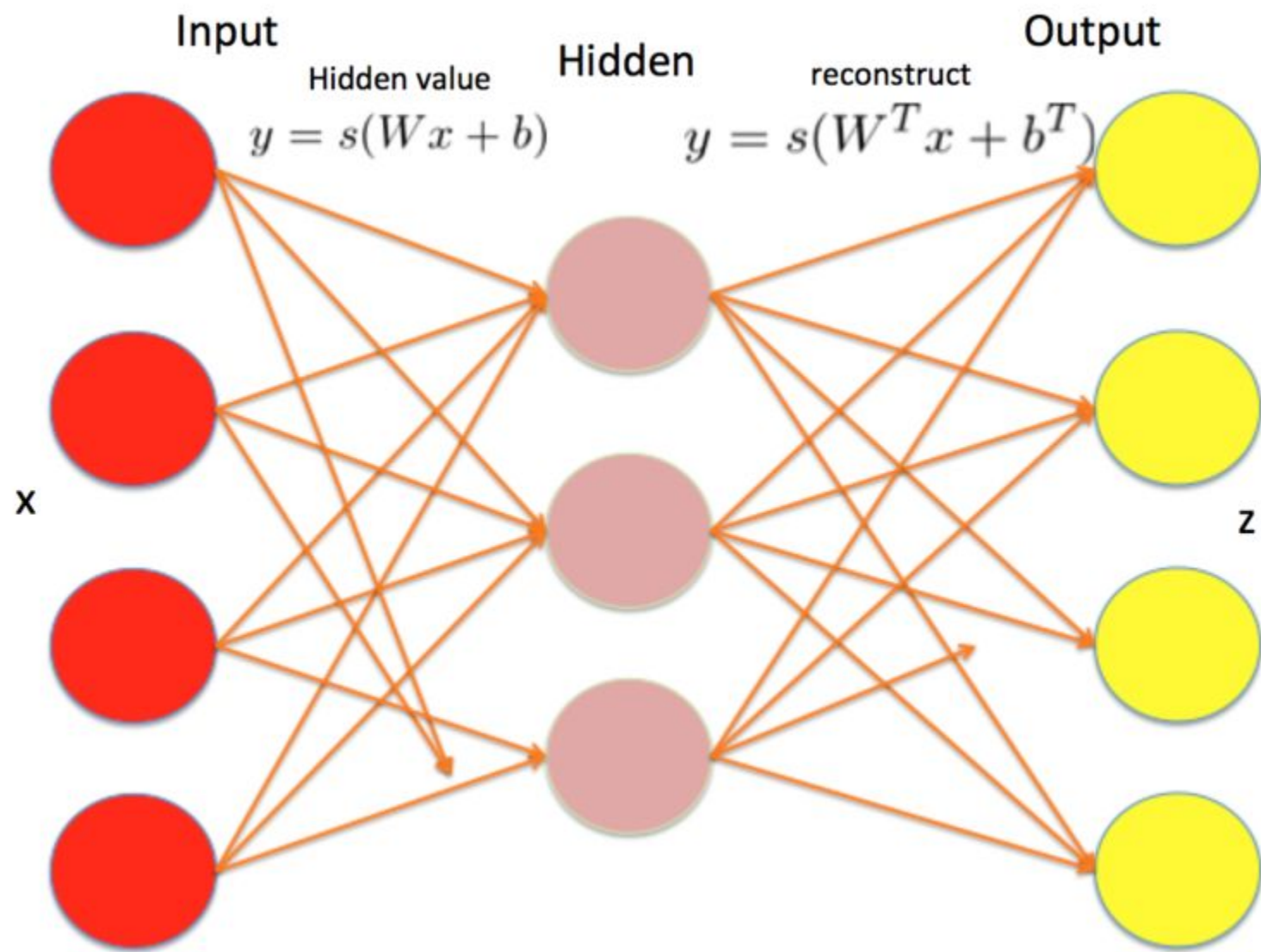
# Data Mining In Action

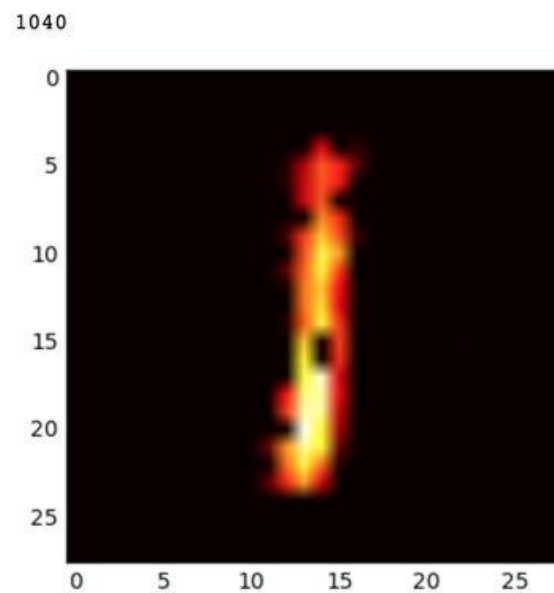
Тренды, разбор дз



"Your recent Amazon purchases, Tweet score and location history makes you 23.5% welcome here."

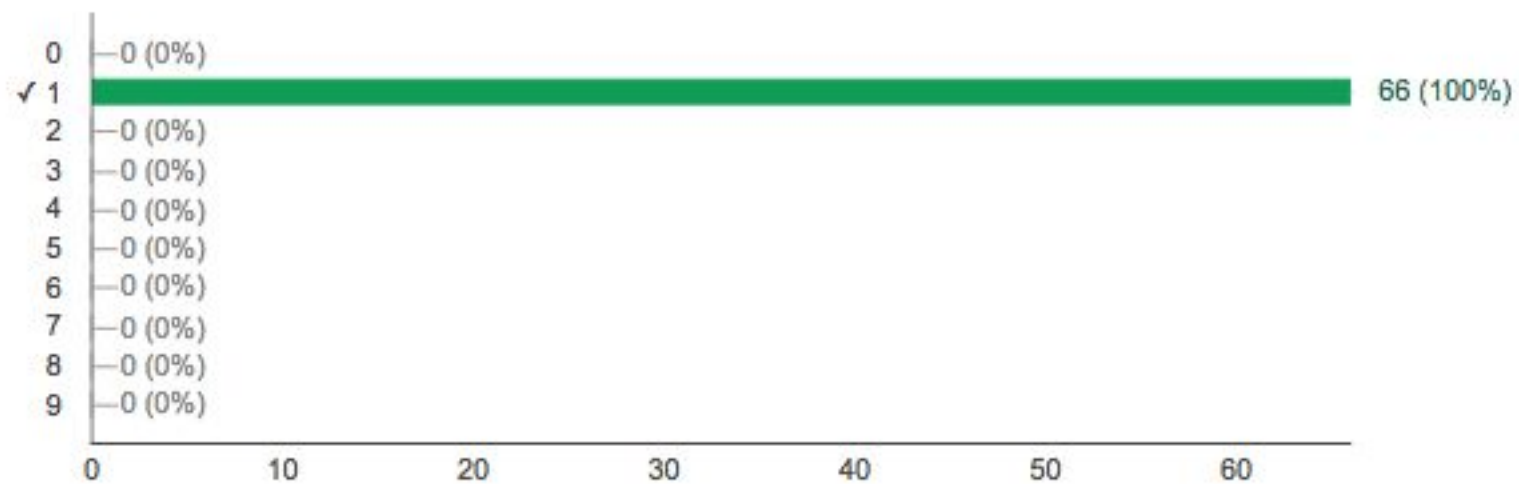
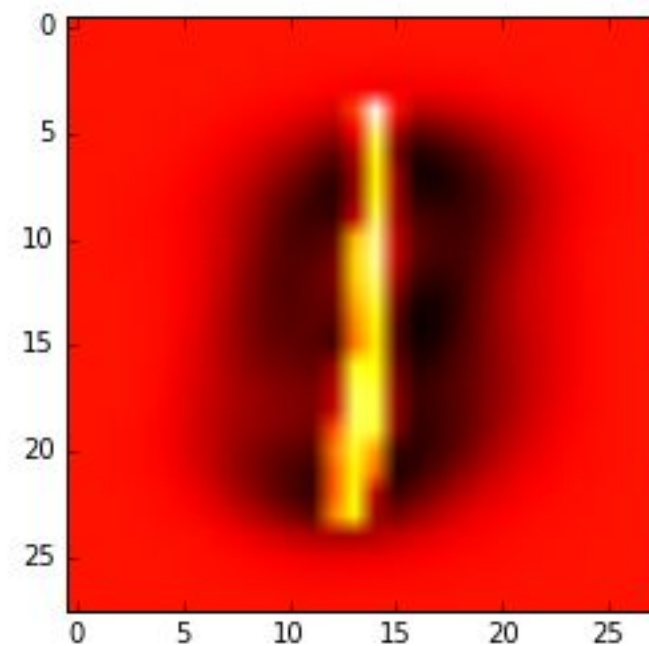
Ашуха Арсений  
Дмитрий Персиянов  
Антон Панкратов

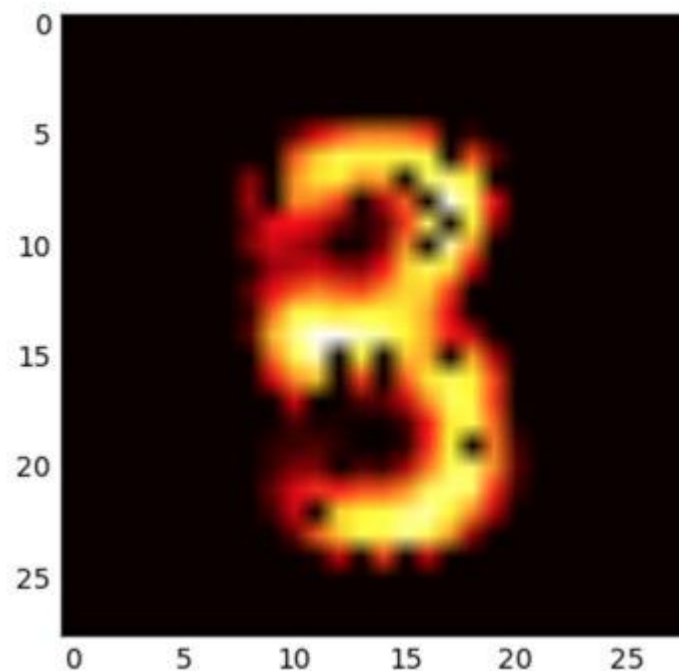




Лейбл четвертой цифры (y[1040])

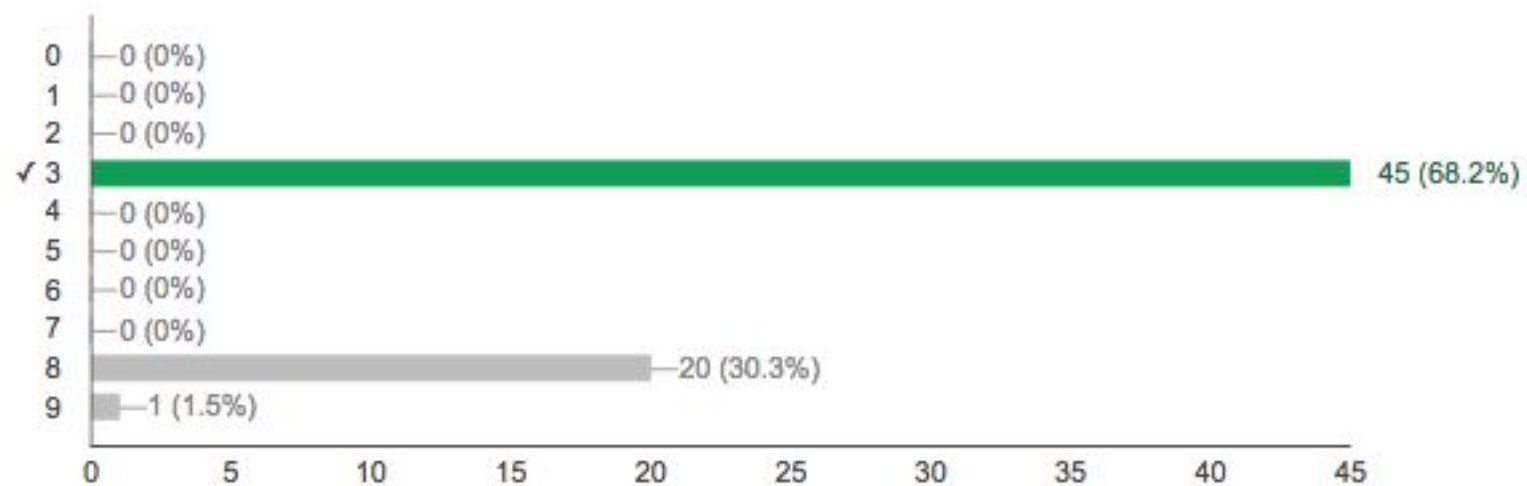
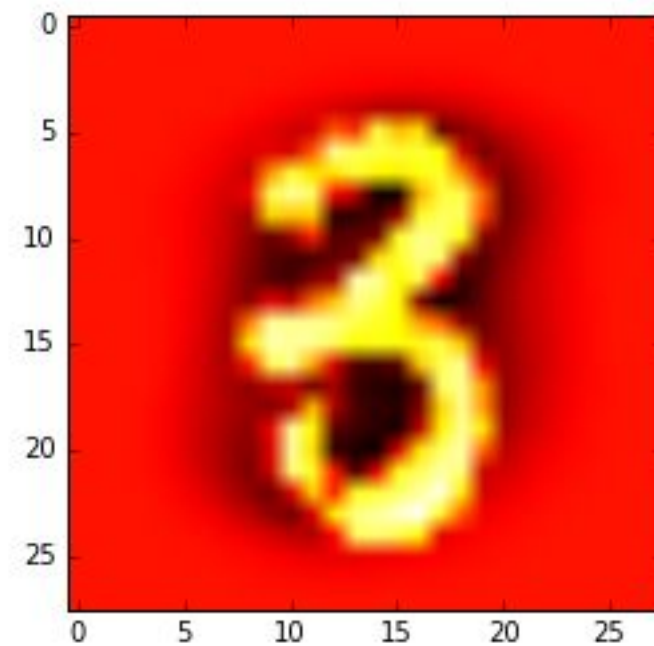
66 / 66 correct responses



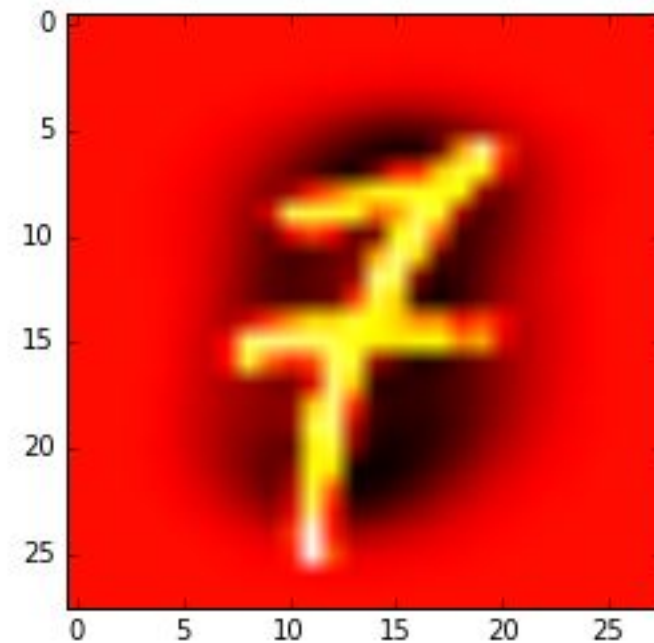
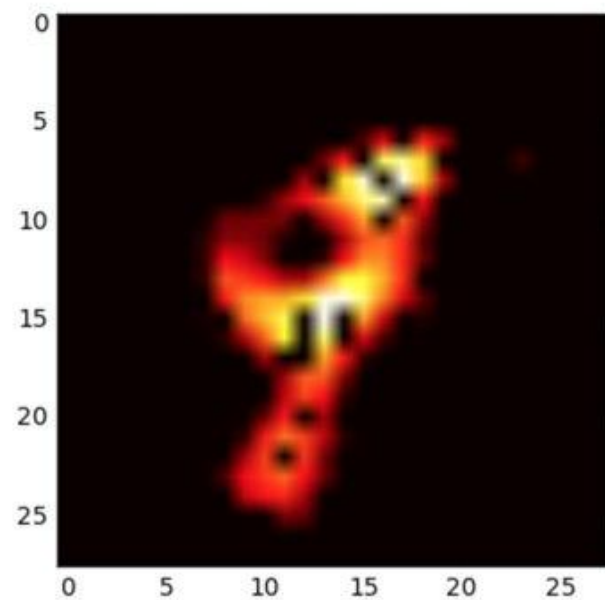


Лейбл второй цифры (y[2853])

45 / 66 correct responses

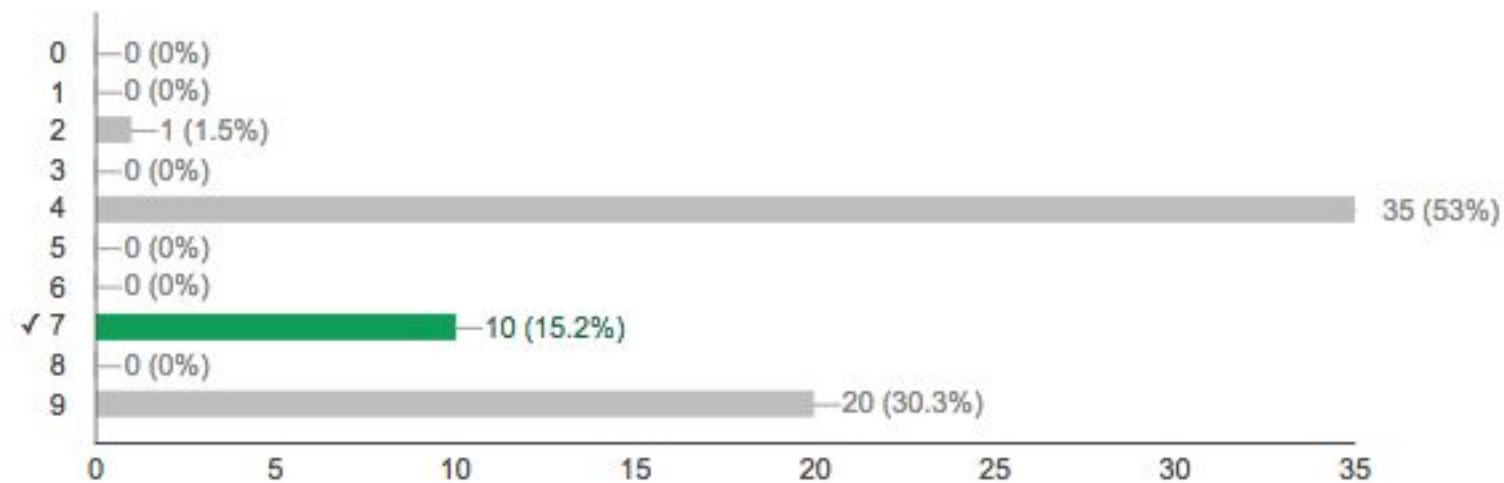


3136

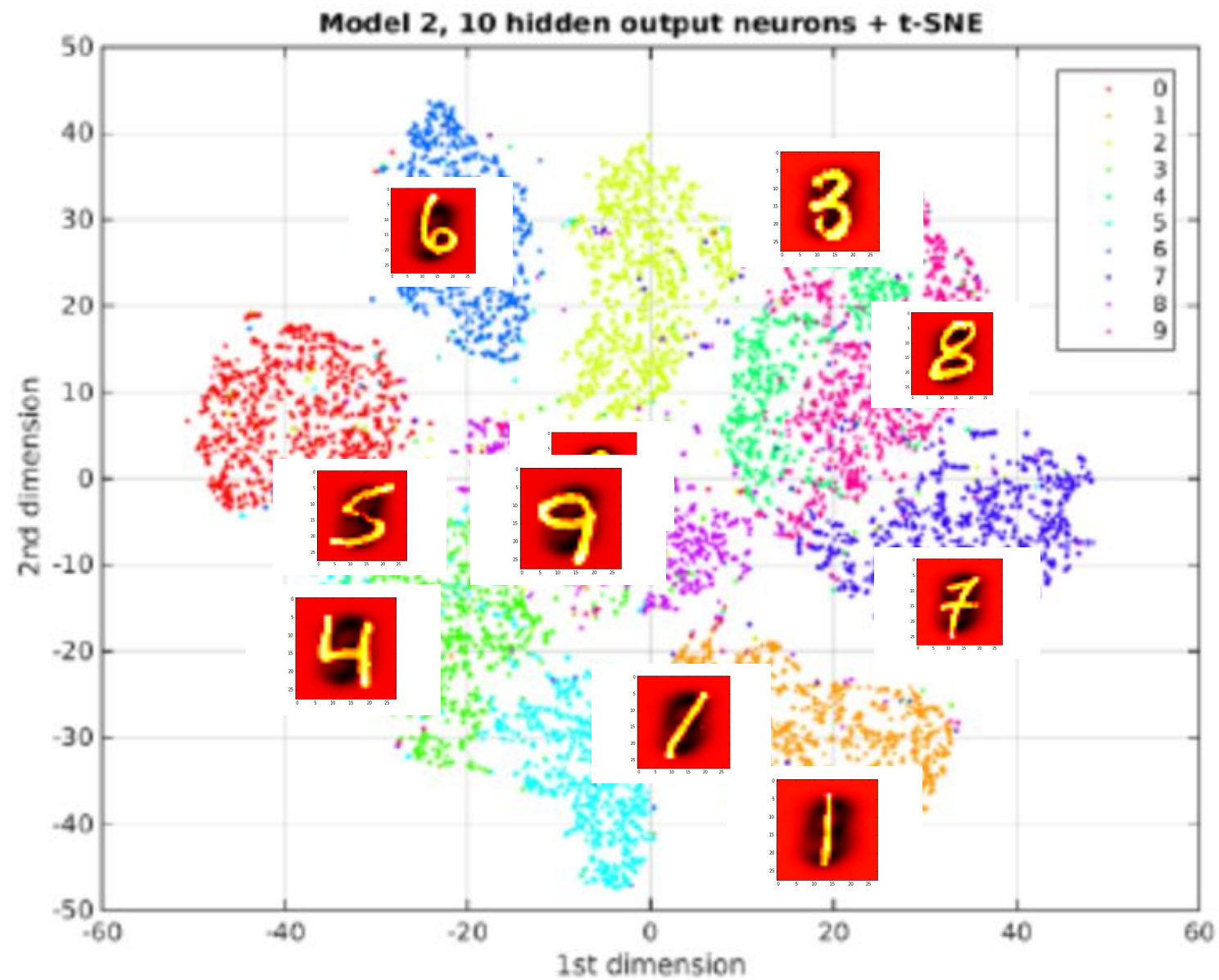


Лейбл третей цифры (y[3136])

10 / 66 correct responses



## TSNE





## Cheating

```
In [8]: from sklearn.svm import SVC
```

```
In [9]: X_train_mid, _, X_test_mid = np.load('X_train_mid.npy'), X_train, np.load('X_test_mid.npy')
clf = SVC().fit(X_train_mid, y_train)
```

```
In [10]: print(clf.predict(X_test_mid[idx]))
print(y_test[idx])
print ((clf.predict(X_test_mid[idx]) == y_test[idx]).sum())
```

```
[9 3 4 1 6 5 4 2 1 9]
```

```
[9 3 7 1 6 5 4 8 1 9]
```

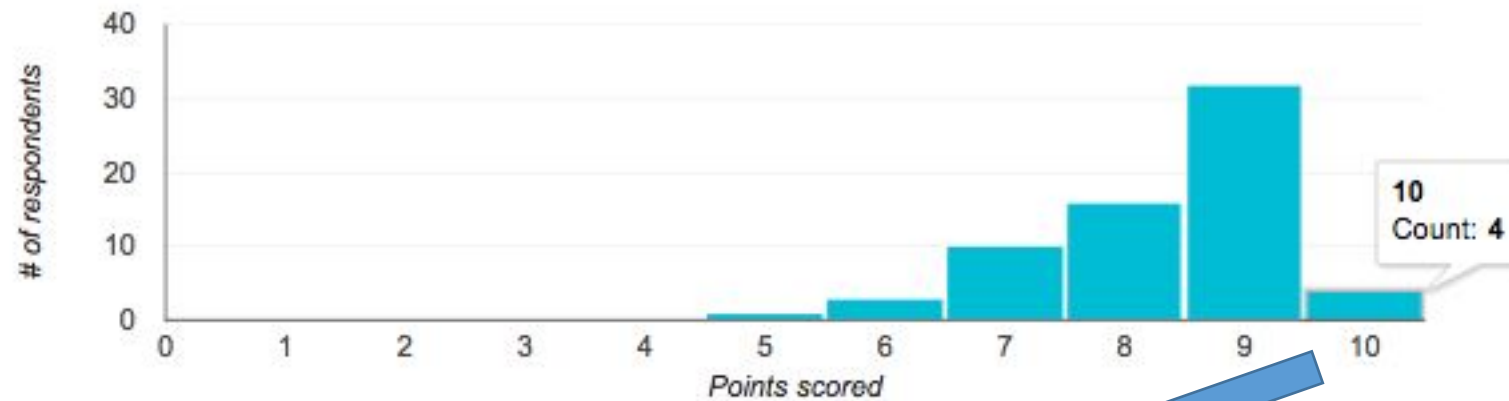
```
8
```

Average  
8.32 / 10 points

Median  
9 / 10 points

Range  
5 - 10 points

Total points distribution



- Анна Кобякова
- Игорь Козловский
- Александр Селютин
- Дмитрий Нехаев

