Binary dassification,

* To predict the severity of the crime binary classification is used.

12 the required features for normalizations 18 latitude, longtitude, closest-station.

tother features for the dataset are all categorical data & naire all boon converted into dummy variable, (District, +ym-blc, weakday, location doscription).

the performed split on the 80,000 sample records, into training set , test set and normalized by themselves.

to Latitude & longtitude into more neither for classification, It the latitude & stongtitude is low, it's more likely that severe exime will thappen.

saythey as at south chigo is notoriously bad.

of the economic, unemployment rate, age status do provide the expected results. It for regions with lower fincome & higher unemployment rate, the crimes are going to be more severe.

the proportion of severe crime is obviously higher which is not in case in tym blk gam to 18 pm.

apartment or house, it more likely to be a severe crime, the crime takes place on a street where everyonce can see, it's doss likely going to be severe.

* severe crime accounts for 461. % total crime and non-severe 88 around 53%

set, e examined the accuracy of toll the classifiers using the test set.

models, easeline model have least accuracy of 544.

I to classification accuracy is the only criteria to judge whether a model is good on not, a good model have greater than the baseline model.

At toge compared all of the model logestic regression have the accuracy of 61%.

Severe

Attson, Assault, battery, crim several resaults criminal damage, criminal itrespass, Homicide, robrery