Harsh Seksaria

2048011

2 - MDS

CHRIST (Deemed to be University)

MDS MacVentures Binary Classification Task 3

In [1]:
```
import pandas as pd
import numpy as np
```

In [2]:
```
xtest = np.load('new_X_test3.npy', allow_pickle=True)
xtrain = np.load('new_X_train3.npy', allow_pickle=True)
ytrain = np.load('new_y3_train.npy', allow_pickle=True)
```

Random Forest

In [4]:
```
from sklearn.ensemble import RandomForestRegressor
model = RandomForestRegressor(n_estimators = 10, random_state = 0)
model.fit(xtrain, ytrain)
```

Out[4]:
```
RandomForestRegressor(n_estimators=10, random_state=0)
```

In [10]:
```
ypred = model.predict(xtest)
ypred.shape
```

Out[10]:
```
(314573,)
```

In [ ]:
```
#from sklearn import metrics
#print('Root Mean Square error :', np.sqrt(metrics.mean_squared_error(ytrain, ypred)))
```

In [11]:
```
pd.DataFrame({"Id": np.arange(len(xtest)), "Category": ypred}).astype(int).to_csv("solution.csv", index=False )
```