**NaiveBayes**

**RACE:**

--------------------EQUAL OPPORTUNITY RESULTS--------------------

Accuracy for African-American: 0.6220379146919431

Accuracy for Caucasian: 0.6291910181482621

Accuracy for Hispanic: 0.6483126110124334

Accuracy for Other: 0.6390532544378699

FPR for African-American: 0.4935593220338983

FPR for Caucasian: 0.4441710243002153

FPR for Hispanic: 0.39274924471299094

FPR for Other: 0.40487804878048783

FNR for African-American: 0.28826933193056287

FNR for Caucasian: 0.29744693940326056

FNR for Hispanic: 0.29310344827586204

FNR for Other: 0.2932330827067669

TPR for African-American: 0.7117306680694371

TPR for Caucasian: 0.7025530605967394

TPR for Hispanic: 0.7068965517241379

TPR for Other: 0.7067669172932332

TNR for African-American: 0.5064406779661017

TNR for Caucasian: 0.5558289756997847

TNR for Hispanic: 0.607250755287009

TNR for Other: 0.5951219512195122

Threshold for African-American: 0.3099999999999994

Threshold for Caucasian: 0.15999999999999925

Threshold for Hispanic: 0.08999999999999925

Threshold for Other: 0.06999999999999926

Total cost:

$-758,282,364

Total accuracy: 0.6282586510808053

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**SVM:**

Attempting to enforce demographic parity...

--------------------EQUAL OPPORTUNITY RESULTS--------------------

Accuracy for African-American: 0.6365521327014217

Accuracy for Caucasian: 0.6091971701015072

Accuracy for Hispanic: 0.5488454706927176

Accuracy for Other: 0.5443786982248521

FPR for African-American: 0.6250847457627119

FPR for Caucasian: 0.6124269455552138

FPR for Hispanic: 0.649546827794562

FPR for Other: 0.6439024390243903

FNR for African-American: 0.1604418726985797

FNR for Caucasian: 0.16917871424177175

FNR for Hispanic: 0.16810344827586207

FNR for Other: 0.16541353383458646

TPR for African-American: 0.8395581273014203

TPR for Caucasian: 0.8308212857582282

TPR for Hispanic: 0.8318965517241379

TPR for Other: 0.8345864661654135

TNR for African-American: 0.3749152542372881

TNR for Caucasian: 0.3875730544447862

TNR for Hispanic: 0.35045317220543803

TNR for Other: 0.35609756097560974

Threshold for African-American: 0.08999999999999925

Threshold for Caucasian: 0.04999999999999925

Threshold for Hispanic: 0.02999999999999925

Threshold for Other: 0.019999999999999248

Total cost:

$-774,369,540

Total accuracy: 0.6125800166991372

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