

## Output:

(99682, 30)

(185125, 30)

### Logistic Regression Output

[[184753 56]

[ 91 225]]

	precision	recall	f1-score	support
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0	1.00	1.00	1.00	184809
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1	0.80	0.71	0.75	316
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avg / total	1.00	1.00	1.00	185125
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Accuracy : 0.999206

Area under the curve : 0.855861

### Random Forest Classifier Output

[[184793 16]

[ 93 223]]

	precision	recall	f1-score	support
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0	1.00	1.00	1.00	184809
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1	0.93	0.71	0.80	316
---	------	------	------	-----

avg / total	1.00	1.00	1.00	185125
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Accuracy : 0.999411

Area under the curve : 0.852805

Process finished with exit code 0

Random Forrest seems to be pretty good.