Supervised Learning Techniques for Sentiment Analytics

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Results

Command	Output	
	Naïve-Bayes	**Logistic Regression**

`python sentiment.py data/imdb/ nlp`	<pre>predicted: pos neg
	actual:
	pos 10869 1631
	neg 2284 10216
	accuracy: 0.843400</pre>
		<pre>predicted: pos neg
		actual:
		pos 10769 1731
		neg 2080 10420
		accuracy: 0.847560</pre>

`python sentiment.py data/imdb/ d2v`	<pre>predicted: pos neg
	actual:
	pos 5465 7035
	neg 2245 10255
	accuracy: 0.628800</pre>
		<pre>predicted: pos neg
		actual:
		pos 10767 1733
		neg 1742 10758
		accuracy: 0.861000</pre>

`python sentiment.py data/twitter/ nlp`	<pre>predicted: pos neg
	actual:
	pos 68846 6139
	neg 54869 20111
	accuracy: 0.593185</pre>
		<pre>predicted: pos neg
		actual:
		pos 68897 6088
		neg 54923 20057
		accuracy: 0.593165</pre>

`python sentiment.py data/twitter/ d2v`	<pre>predicted: pos neg
	actual:
	pos 55207 19778
	neg 45663 29317
	accuracy: 0.563625</pre>
		<pre>predicted: pos neg
		actual:
		pos 57265 17720
		neg 30623 44357
		accuracy: 0.677638</pre>