Output:

[nltk_data] Downloading package stopwords to

[nltk_data]   C:\Users\Apollo\AppData\Roaming\nltk_data...

[nltk_data]   Unzipping corpora\stopwords.zip.

(5572, 5079)

(5572,)

(4179, 5079)

(1393, 5079)

(4179,)

(1393,)

Training Accuracy = 0.9992821249102656

Testing Accuracy = 0.905240488155061

Predicted ham spam __all__

Actual

ham   301   10   311

spam   56   3   59

__all__   357   13   370

<u>Ham Message:</u>

	Type	Messages
0	ham	Go until jurong point, crazy.. Available only ...
1	ham	Ok lar... Joking wif u oni...
3	ham	U dun say so early hor... U c already then say...
4	ham	Nah I don't think he goes to usf, he lives aro...
6	ham	Even my brother is not like to speak with me. ...
...	...	...
5565	ham	Huh y lei...
5568	ham	Will Ì_ b going to esplanade fr home?
5569	ham	Pity, * was in mood for that. So...any other s...
5570	ham	The guy did some bitching but I acted like i'd...
5571	ham	Rofl. Its true to its name

[4825 rows x 2 columns]

<u>Spam Message:</u>

	Type	Messages
2	spam	Free entry in 2 a wkly comp to win FA Cup fina...
5	spam	FreeMsg Hey there darling it's been 3 week's n...
8	spam	WINNER!! As a valued network customer you have...
9	spam	Had your mobile 11 months or more? U R entitle...
11	spam	SIX chances to win CASH! From 100 to 20,000 po...
...	...	...

5537 spam Want explicit SEX in 30 secs? Ring 02073162414...

5540 spam ASKED 3MOBILE IF 0870 CHATLINES INCLU IN FREE ...

5547 spam Had your contract mobile 11 Mnths? Latest Moto...

5566 spam REMINDER FROM O2: To get 2.50 pounds free call...

5567 spam This is the 2nd time we have tried 2 contact u...

[747 rows x 2 columns]