

Fantasy vs Science Fiction

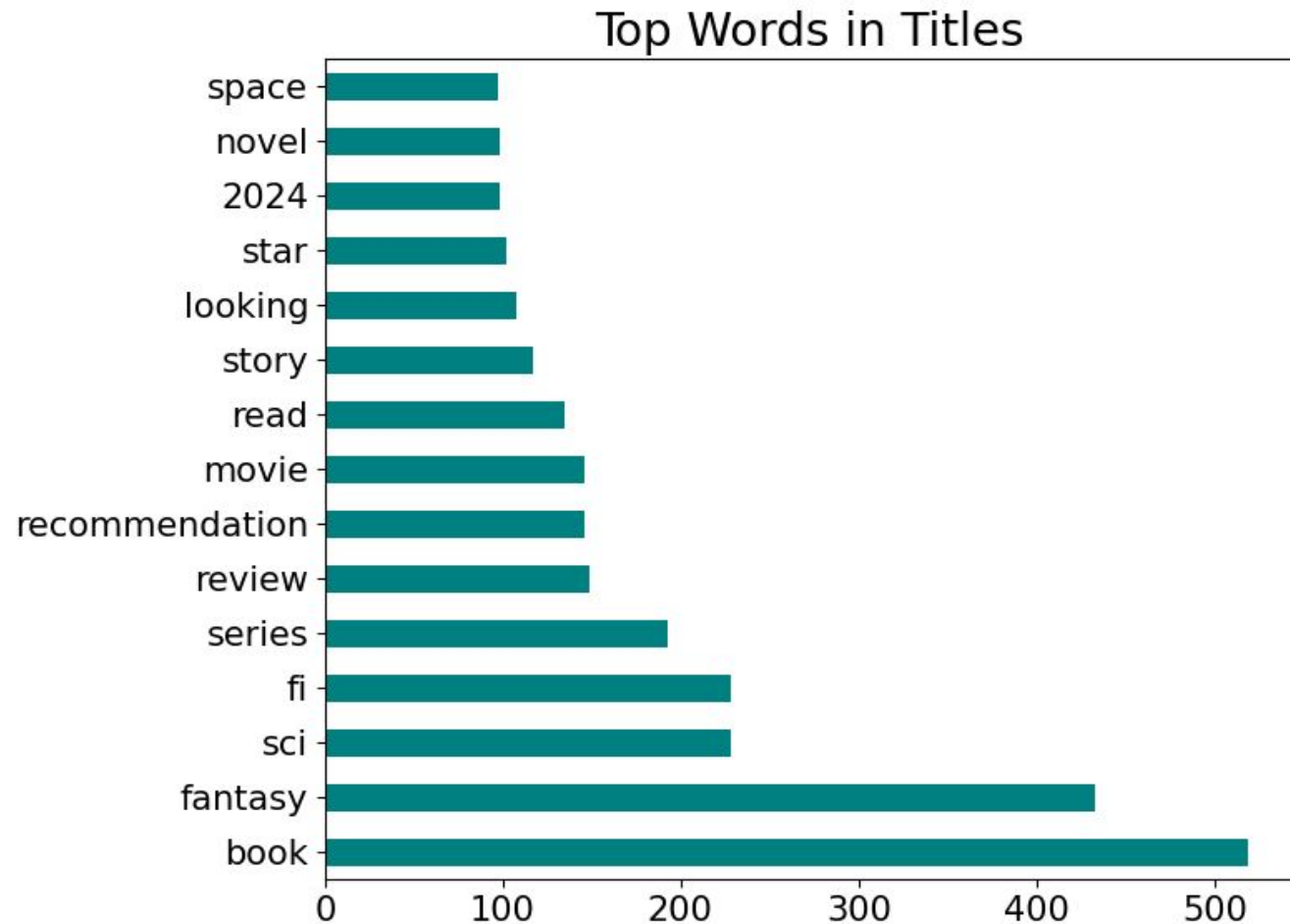
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Data Scientist



VS



EDA



	Fantasy	Scifi
book	378	142
fantasy	413	28
sci	7	224
fi	7	224
series	120	74

	Fantasy	Scifi
recommendation	115	33
review	96	55
movie	8	138
read	102	35
story	47	75

	Fantasy	Scifi
book	73%	27%
fantasy	94%	6%
sci	3%	97%
fi	3%	97%
series	62%	38%

	Fantasy	Scifi
recommendation	78%	22%
review	64%	36%
movie	5%	95%
read	74%	26%
story	39%	61%

	Fantasy	Scifi
book	85%	15%
wa	68%	32%
fantasy	96%	4%
like	73%	27%
character	87%	13%

	Fantasy	Scifi
read	84%	16%
series	81%	19%
just	71%	29%
story	73%	27%
http	76%	24%

Production Model

90.2%

Logistic Regression
(CountVectorizer)

90.4%

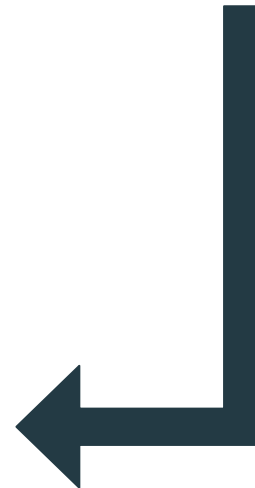
Random Forest Classifier
(CountVectorizer)

90.4%

AdaBoost Classifier
(CountVectorizer)

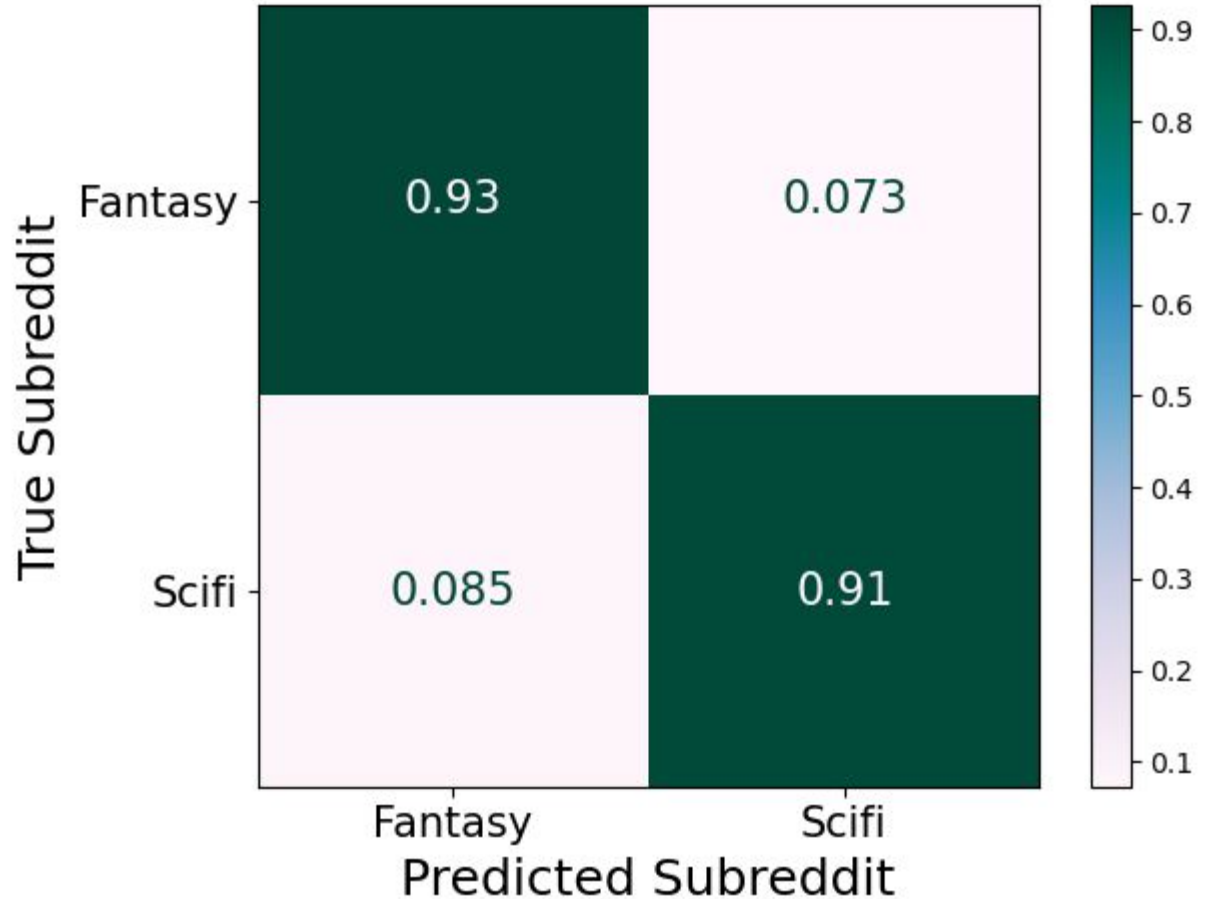


Stacked Classifier
(Logistic Regression)



Accuracy
92.04%

F1 Score
92.57%



The End...

Image created using Google Gemini

