Tecnológico de Monterrey

Inteligencia artificial avanzada para la ciencia de datos II

Gpo 101 BERT_2

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Variables	BERT	Val y Loss
Nsamp = 1000, maxtokens = 50, maxtokenlen = 20	0.775	Epoch 1/5 1400/1400 [===================================
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		- val_loss: 0.5563 - val_acc: 0.7017 Epoch 4/5 1400/1400
		- 4s 3ms/sample - loss: 0.5063 - acc: 0.7521 - val_loss: 0.5657 - val_acc: 0.7067 Epoch 5/5 1400/1400
		- 4s 3ms/sample - loss: 0.4836 - acc: 0.7686 - val_loss: 0.5501 - val_acc: 0.7133
Nsamp = 1000, maxtokens = 100, maxtokenlen = 100	BERT Email Classification Training 0.80 validation 0.78 training	Epoch 1/5 1400/1400
	0.00 0.5 10 1.5 2.0 2.5 3.0 3.5 4.0 epoch	- 11s 8ms/sample - loss: 0.5964 - acc: 0.6771 - val_loss: 0.5455 - val_acc: 0.7083 Epoch 2/5 1400/1400
		- 7s 5ms/sample - loss: 0.4989 - acc: 0.7586 - val_loss: 0.4956 - val_acc: 0.7417 Epoch 3/5 1400/1400
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		Epoch 5/5 1400/1400 [===================================
Nsamp = 1000, maxtokens = 200, maxtokenken = 200	BERT Email Classification Training 0.80 0.78 0.76 0.72 0.70 0.68 0.0 d.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	Epoch 1/5 1400/1400 [===================================
Nsamp = 1000, maxtokens = 230, maxtokenken = 200	BERT Email Classification Training 0.80 0.70	Epoch 1/5 1400/1400 [===================================

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Datos pasados

Bow					
	LR	SVM	RF	XGBoost	
A)	0.6666	0.67	0.67	0.6316	
B)	0.7416	0.7316	0.7366	0.7166	
C)	0.815	0.7933	0.7733	0.7516	

TF-JDF					
	LR	SVM	RF	XGBoost	
A)	0.6983	0.69	0.6666	0.64	
B)	0.7316	0.7283	0.72	0.6983	
C)	0.7966	0.7983	0.7433	0.78	