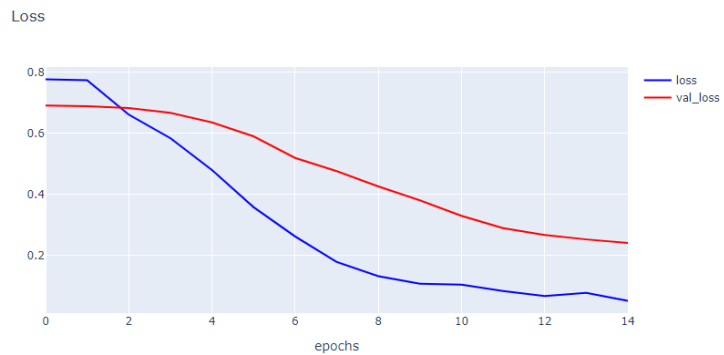
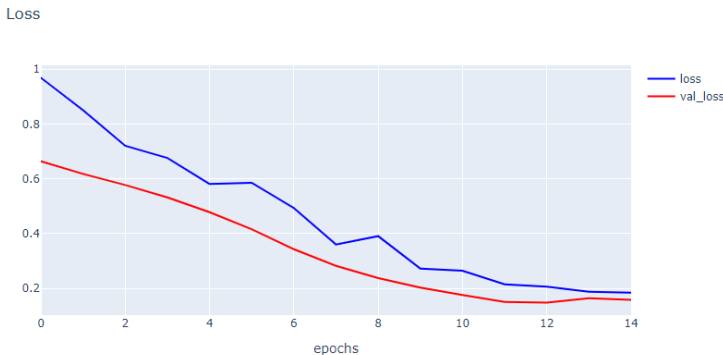
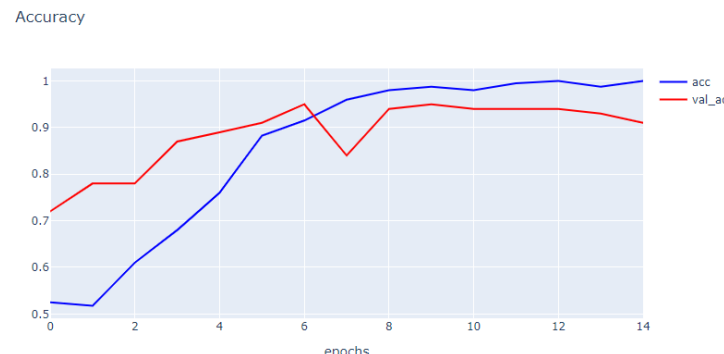
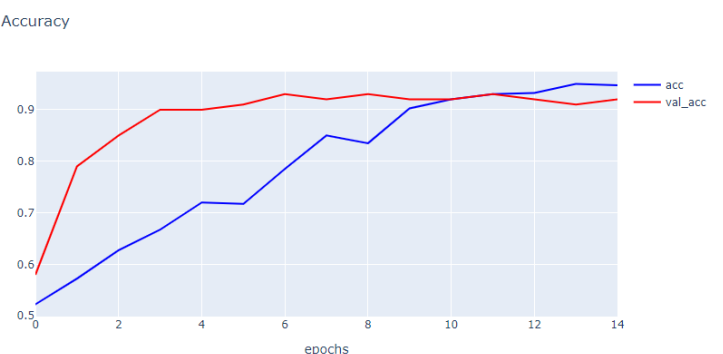
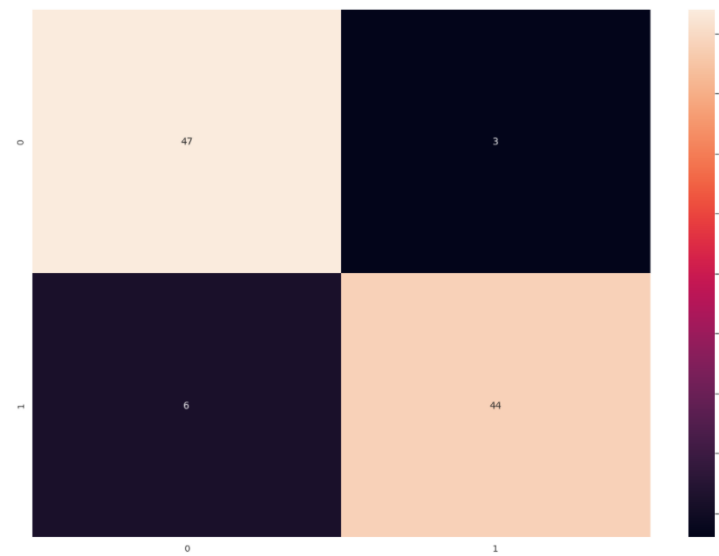
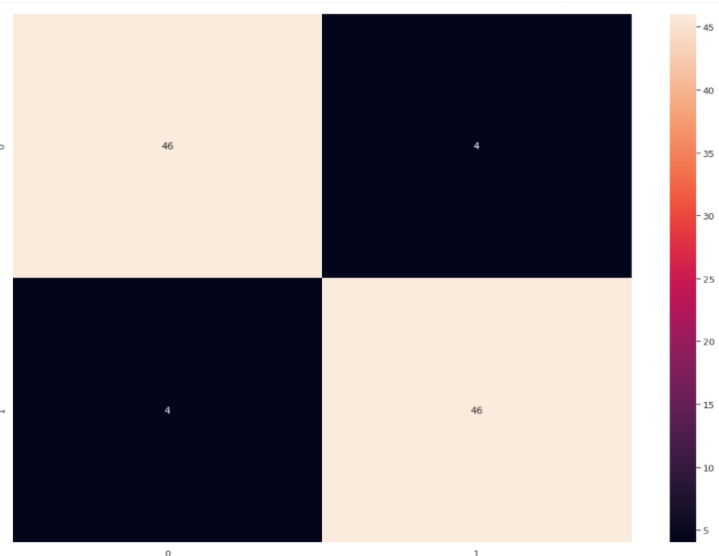


เปรียบเทียบSentiment Analysis model ระหว่างใช้ Word Embedding ของkeras กับ

สร้างWord2Vec Transfer Learning ด้วย genism ชุดข้อมูลการแสดงความคิดเห็นจากยูทูปใน "มาเถอะจะคุย ep.20"

[EPOCHS = 15, BS = 32, learning_rate = 0.001, dropout = 0.7]

	Word Embedding ของ keras	Word2Vec Transfer Learning ด้วย genism
Plot Loss	 <p>Loss</p> <p>epochs</p> <p>loss</p> <p>val_loss</p>	 <p>Loss</p> <p>epochs</p> <p>loss</p> <p>val_loss</p>
Plot Accuracy	 <p>Accuracy</p> <p>epochs</p> <p>acc</p> <p>val_acc</p>	 <p>Accuracy</p> <p>epochs</p> <p>acc</p> <p>val_acc</p>

Confusion Matrix	 <table><tr><td>0</td><td>47</td><td>3</td></tr><tr><td>1</td><td>6</td><td>44</td></tr><tr><td>0</td><td></td><td>1</td></tr></table>	0	47	3	1	6	44	0		1	 <table><tr><td>0</td><td>46</td><td>4</td></tr><tr><td>1</td><td>4</td><td>46</td></tr><tr><td>0</td><td></td><td>1</td></tr></table>	0	46	4	1	4	46	0		1																																										
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Classification report	<table><tr><td></td><td>precision</td><td>recall</td><td>f1-score</td><td>support</td></tr><tr><td>pos</td><td>0.8868</td><td>0.9400</td><td>0.9126</td><td>50</td></tr><tr><td>neg</td><td>0.9362</td><td>0.8800</td><td>0.9072</td><td>50</td></tr><tr><td>accuracy</td><td></td><td></td><td>0.9100</td><td>100</td></tr><tr><td>macro avg</td><td>0.9115</td><td>0.9100</td><td>0.9099</td><td>100</td></tr><tr><td>weighted avg</td><td>0.9115</td><td>0.9100</td><td>0.9099</td><td>100</td></tr></table>		precision	recall	f1-score	support	pos	0.8868	0.9400	0.9126	50	neg	0.9362	0.8800	0.9072	50	accuracy			0.9100	100	macro avg	0.9115	0.9100	0.9099	100	weighted avg	0.9115	0.9100	0.9099	100	<table><tr><td></td><td>precision</td><td>recall</td><td>f1-score</td><td>support</td></tr><tr><td>pos</td><td>0.9200</td><td>0.9200</td><td>0.9200</td><td>50</td></tr><tr><td>neg</td><td>0.9200</td><td>0.9200</td><td>0.9200</td><td>50</td></tr><tr><td>accuracy</td><td></td><td></td><td>0.9200</td><td>100</td></tr><tr><td>macro avg</td><td>0.9200</td><td>0.9200</td><td>0.9200</td><td>100</td></tr><tr><td>weighted avg</td><td>0.9200</td><td>0.9200</td><td>0.9200</td><td>100</td></tr></table>		precision	recall	f1-score	support	pos	0.9200	0.9200	0.9200	50	neg	0.9200	0.9200	0.9200	50	accuracy			0.9200	100	macro avg	0.9200	0.9200	0.9200	100	weighted avg	0.9200	0.9200	0.9200	100
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