SUMMARY OF FINDINGS REGARDING EXPERIMENTS WITH OM DATA AND RNN LANGUAGE MODEL.

SL	Experiment Name	Notebook & Dataset URL	Samples Used	Result	
01	Exp 1 Jan23 - Regular Dataset - Tokenization 1 6 OM Combined	Notebook: https://tinyurl.com/expr1-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Unseen to the Model)	Precision 65%	Recall 66%
		Sample set: https://tinyurl.com/expr1-reg-jan23		F1 65%	Accuracy 52%
02	Exp 2 Jan23 - Regular Dataset - Tokenization 2 6 OM Combined	Notebook: https://tinyurl.com/expr2-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Unseen to the Model)	Precision 69%	Recall 63%
		Sample set: https://tinyurl.com/expr1-reg-jan23		F1 64%	Accuracy 55%
03	Exp 3 Jan23 - Regular Dataset - Tokenization 3 - 6 OM combined	Notebook: https://tinyurl.com/expr3-reg-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Unseen to the Model)	Precision 70%	Recall 78%
		Sample set: https://tinyurl.com/expr1-reg-jan23		F1 74%	Accuracy 72%

04	Exp 4 Jan23 - Regular Dataset - Tokenization 4 6 OM combined	Notebook: https://tinyurl.com/expr4-reg-jan23 Sample set: https://tinyurl.com/expr1-reg-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Unseen to the Model)	Precision 0% F1 0%	Recall 0% Accuracy 30%
05	Exp 5 Jan23 - Regular Dataset - Tokenization 5 6 OM combined	Notebook: https://tinyurl.com/expr5-reg-jan23 Sample set: https://tinyurl.com/expr1-reg-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Unseen to the Model)	Precision 80% F1 78%	Recall 80% Accuracy 72%
7 OM combined dataset experiments					
06	Exp 6 Jan23 - Regular Dataset - Tokenization 1 7 OM combined	Notebook: https://tinyurl.com/expr6-reg-jan23 Sample set: https://tinyurl.com/7-om-reg-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Existing data / seen data)	Incomplete Statements	

07	Exp 7 Jan23 - Regular Dataset - Tokenization 2 – 7 OM combined	Notebook: https://tinyurl.com/expr7-reg-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Existing data / seen data)	Precision 76%	Recall 93%
		Sample set: https://tinyurl.com/7-om-reg-jan23		F1 83%	Accuracy 74%
08	Exp 8 Jan23 - Regular Dataset - Tokenization 3 7 OM combined	Notebook: https://tinyurl.com/expr8-reg-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Existing data / seen data)	Precision 87%	Recall 67%
		Sample set: https://tinyurl.com/expr1-reg-jan23		F1 76%	Accuracy 71%
09	Exp 9 Jan23 - Regular Dataset - Tokenization 4 7 OM combined	Notebook: https://tinyurl.com/expr9-reg-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Existing data / seen data)	Precision 75%	Recall 71%
		Sample set: https://tinyurl.com/expr1-reg-jan23		F1 73%	Accuracy 64%

10	Exp 6 Jan23 - Regular Dataset - Tokenization 5 7 OM combined	Notebook: https://tinyurl.com/expr10-reg-jan23	Total: 102 P Labeled : 71 NP Labeled: 31 (Existing data / seen data)	Precision 70%	Recall 87%
		Sample set: Sample set: https://tinyurl.com/expr1-reg-jan23		F1 77%	Accuracy 66%

RESULTS COMPARISON BETWEEN 6 OM AND 7 OM DATASETS BASED EXPERIMENTS.

6 OM Combined (Unseen data)	6 OM based results		7 OM Combined (Trained on Existing)	7 OM based results		Results comparison	
Exp 1 Jan23 - Regular Dataset - Tokenization 1	Precision 65%	Recall 66%	Exp 6 Jan23 - Regular Dataset - Tokenization 1	Incomplete Statements		Incomplete Statements	
	F1 65%	Accuracy 52%					
Exp 2 Jan23 - Regular Dataset - Tokenization 2	Precision 69%	Recall 63%	Exp 7 Jan23 - Regular Dataset - Tokenization 2	Precision 76%	Recall 93%	Precision 76 – 69 = 7%	Recall 93 – 63 = 30%
	F1 64%	Accuracy 55%		F1 83%	Accuracy 74%	F1 83 – 64 = 19%	Accuracy 74 – 55 = 19%
Exp 3 Jan23 - Regular Dataset - Tokenization 3	Precision 70%	Recall 78%	Exp 8 Jan23 - Regular Dataset - Tokenization 3	Precision 87%	Recall 67%	Precision 87 – 70 = 17%	Recall 93 – 63 = 30%
	F1 74%	Accuracy 72%		F1 76%	Accuracy 71%	F1 76 – 74 = 2%	Accuracy 72 – 71 = 1%
Exp 4 Jan23 - Regular Dataset - Tokenization 4	Precision 0%	Recall 0%	Exp 9 Jan23 - Regular Dataset - Tokenization 4	Precision 75%	Recall 71%	Precision 75 – 0 = 75%	Recall 71 – 0 = 71%
	F1 0%	Accuracy 30%		F1 73%	Accuracy 64%	F1 73 – 0 = 73%	Accuracy 64 – 30 = 34%
Exp 5 Jan23 - Regular Dataset - Tokenization 5	Precision 80%	Recall 80%	Exp 10 Jan23 - Regular Dataset - Tokenization 5	Precision 70%	Recall 87%	Precision 80 – 70 = 10	Recall 87 – 80 = 7%
	F1 78%	Accuracy 72%		F1 77%	Accuracy 66%	F1 77 – 78 = 1%	Accuracy 66 – 72 = 6%