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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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: | 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.**