|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model Name | Dataset Used | Precision | F1-Score | Recall |
| POS+Naïve Bayes | SemEval 2014 Task 4 | 0.70 | 0.75 | 0..72 |
| Feature-Based SVM | SemEval 2014 Task 4 | 0.66 | 0.64 | 0.61 |
| Gini-Index SVM | SemEval 2014 Task 4 | 0.70 | 0.75 | 0.79 |
| L+N+I+D+R+S | SemEval 2014 Task 4 | 0.72 | 0.64 | 0.79 |
| Lexicon Based SVM | SemEval 2014 Task 4 | 0.74 | 0.77 | 0.72 |
| Rule-Based (ATE) + Fine tuned BERT model (ASC)  (OUR Mode)l | SemEval 2014 Task 4 + Twitter Reviews | 0.75 | 0.75 | 0.75 |

A graph with numbers and lines

Description automatically generated with medium confidence