**Naïve**

Data set part-1 Data set part-2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Similarity Used | Type of data used | F-score | Similarity Used | Type of data used | F-score |
| Jaccard | Unprocessed | 0.343563 | Jaccard | Unprocessed | 0.372524 |
| With stop words removal | 0.349632 |  | With stop words removal | 0.36349 |
| With stemming | 0.339887 |  | With stemming | 0.369475 |
| Cosine | Unprocessed | 0.341966 | Cosine | Unprocessed | 0.368328 |
| With stop words removal | 0.343293 |  | With stop words removal | 0.37516 |
| With stemming | 0.348698 |  | With stemming | 0.367982 |

**PageRank**

Data set-1 Data set part-2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Similarity Used | Type of data used | F-score | Similarity Used | Type of data used | F-score |
| Jaccard | Unprocessed | 0.361899 | Jaccard | Unprocessed | 0.390036 |
| With stop words removal | 0.328233 |  | With stop words removal | 0.350716 |
| With stemming | 0.360911 |  | With stemming | 0.38575 |
| Cosine | Unprocessed | 0.3568939 | Cosine | Unprocessed | 0.376436 |
| With stop words removal | 0.333374 |  | With stop words removal | 0.360221 |
| With stemming | 0.356439 |  | With stemming | 0.385 |

**LexRank**

Data set part-1 Data set part-2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Similarity Used | Type of data used | F-score | Similarity Used | Type of data used | F-score |
| Cosine | Unprocessed | 0.35689 | Cosine | Unprocessed | 0.376436 |
| With stop words removal | 0.333374 |  | With stop words removal | 0.360221 |
| With stemming | 0.356439 |  | With stemming | 0.385 |
| Centroid | Unprocessed | 0.347902 | Centroid | Unprocessed | 0.35876 |
| With stop words removal | 0.332995 |  | With stop words removal | 0.35777 |
| With stemming | 0.356079 |  | With stemming | 0.366201 |

LexRank

|  |  |  |
| --- | --- | --- |
| Similarity Used | Type of data used | F-score |
| Cosine | Unprocessed | 0.390036 |
| With stop words removal | 0.350716 |
| With stemming | 0.38575 |
| Centroid | Unprocessed | 0.376436 |
| With stop words removal | 0.360221 |
| With stemming | 0.385 |