One comparing

Another with title and without title

**WITHOUT THE ‘TITLE’ FEATURE**

|  |  |  |
| --- | --- | --- |
| Results | Random Forest | Logistic Regression |
| Accuracy | 88.79% | 89.65% |
| Precision | 88.23% | 87.03% |
| Recall | 86.53% | 90.38% |
| F1 Score | 87.37% | 88.67% |

**WITH THE ‘TITLE’ FEATURE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Results | Random Forest | Logistic Regression | KNN | Decision Tree |
| Accuracy | 96.55% | 94.82% | 96.55% | 92.52% |
| Precision | 92.85% | 94.23% | 92.85% | 89.15% |
| Recall | 100% | 94.23% | 100% | 94.87% |
| F1 Score | 96.29% | 94.23% | 96.29% | 91.92% |

**COMPARISON**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | RESEARCH PAPER | |  | OURS | |
| Results | Decision Tree | Logistic Regression |  | Decision Tree | Logistic Regression |
| Precision | 95.53% | 75.17% | 89.15% | 94.23% |
| Recall | 99.01% | 74.29% | 94.87% | 94.23% |
| F1 Score | 97.23% | 68.35% | 91.92% | 94.23% |