|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model Name** | **Over Sampling** | **Accuracy** | **Weighted Precision** | **Weighted Recall** | **Weighted F1** |
| Random Forest | NO | 98.18 | 98 | 98 | 98 |
| Gradient Boosting | No | 98.00 | 97 | 98 | 97 |
| **KNN** | **No** | **98.245** | **98** | **98** | **98** |
| Decision Tree | No | 97 | 97 | 97 | 97 |
| Xgboost | NO | 96.97 | 98 | 97 | 97 |
| Decision Tree | Yes | 97 | 97 | 96 | 97 |
| Random forest | Yes | 97.70 | 97 | 98 | 97 |
| KNN | Yes | 92 | 98 | 92 | 94 |