|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model** | **Precision** | **Recall** | **F1-Score** | **Overall Accuracy** |
| Logistic Regression | 0.81 | 0.93 | 0.86 | 0.873 |
| Support Vector Machines | 0.89 | 0.95 | 0.92 | 0.928 |
| Decision Tree | 0.82 | 0.86 | 0.84 | 0.856 |
| Random Forest | 0.96 | 0.95 | 0.96 | 0.962 |

Performance Metrics of Minority Class (Fertile) over test data using 10-Fold Cross Validation: