| **Model** | **Accuracy** | **Accuracy (%)** | **Confusion Matrix** |
| --- | --- | --- | --- |
| LogisticRegression | 0.9591 | 95.91 | [[106, 5], [2, 58]] |
| KNN\_k5 | 0.9532 | 95.32 | [[106, 5], [3, 57]] |
| SVM\_linear | 0.9591 | 95.91 | [[106, 5], [2, 58]] |
| SVM\_rbf | 0.9649 | 96.49 | [[106, 5], [1, 59]] |
| GaussianNB | 0.9591 | 95.91 | [[106, 5], [2, 58]] |
| DecisionTree | 0.9591 | 95.91 | [[105, 6], [1, 59]] |
| RandomForest\_n10 | 0.9591 | 95.91 | [[106, 5], [2, 58]] |
| XGBoost | 0.9708 | 97.08 | [[106, 5], [0, 60]] |

**Logistic Regression**

| **Column 1** | **Predicted Positive** | **Predicted Negative** |
| --- | --- | --- |
| Actual Positive | 106 | 5 |
| Actual Negative | 2 | 58 |

**KNN (k=5)**

| **Column 1** | **Predicted Positive** | **Predicted Negative** |
| --- | --- | --- |
| Actual Positive | 106 | 5 |
| Actual Negative | 3 | 57 |

### **SVM (Linear Kernel)**

| **Column 1** | **Predicted Positive** | **Predicted Negative** |
| --- | --- | --- |
| Actual Positive | 106 | 5 |
| Actual Negative | 2 | 58 |

### **SVM (RBF Kernel)**

| **Column 1** | **Predicted Positive** | **Predicted Negative** |
| --- | --- | --- |
| Actual Positive | 106 | 5 |
| Actual Negative | 1 | 59 |

**Gaussian Naive Bayes**

| **Column 1** | **Predicted Positive** | **Predicted Negative** |
| --- | --- | --- |
| Actual Positive | 106 | 5 |
| Actual Negative | 2 | 58 |

**Decision Tree**

| **Column 1** | **Predicted Positive** | **Predicted Negative** |
| --- | --- | --- |
| Actual Positive | 105 | 6 |
| Actual Negative | 1 | 59 |

**Random Forest (n=10)**

| **Column 1** | **Predicted Positive** | **Predicted Negative** |
| --- | --- | --- |
| Actual Positive | 106 | 5 |
| Actual Negative | 2 | 58 |

**XGBoost**

| **Column 1** | **Predicted Positive** | **Predicted Negative** |
| --- | --- | --- |
| Actual Positive | 106 | 5 |
| Actual Negative | 0 | 60 |