**Key Metrics Derived:**

1. **Accuracy:**

\frac{(TP + TN)}{(TP + TN + FP + FN)} = \frac{(147 + 98)}{(147 + 98 + 14 + 17)} = 0.8877 \text{ (88.77%)}

* + Measures overall correctness. Out of all predictions, 88.77% were accurate.

1. **Precision (Positive Predictive Value):**

\frac{TP}{TP + FP} = \frac{147}{147 + 14} \approx 0.913 \text{ (91.3%)}

* + Precision is high, indicating that when the model predicts positive, it is correct 91.3% of the time.

1. **Recall (True Positive Rate):**

\frac{TP}{TP + FN} = \frac{147}{147 + 17} \approx 0.896 \text{ (89.6%)}

* + Recall is also high, meaning that the model correctly identifies 89.6% of all positive cases.

1. **F1-Score:**

2 \times \frac{(Precision \times Recall)}{(Precision + Recall)} \approx 0.904 \text{ (90.4%)}

* + A balance between precision and recall, making the model suitable for cases where both false positives and false negatives matter.

1. **False Positive Rate:**

\frac{FP}{FP + TN} = \frac{14}{14 + 98} \approx 0.125 \text{ (12.5%)}

* + The proportion of negative instances incorrectly classified as positive is relatively low.