**Model Accuracy Report**

The Random Forest model achieved an overall accuracy of 86%, with the following classification metrics:

**precision recall f1-score support**

**No 0.86 1.00 0.93 249**

**Yes 1.00 0.15 0.26 47**

**accuracy 0.86 296**

**macro avg 0.93 0.57 0.59 296**

**weighted avg 0.88 0.86 0.82 296**

**Confusion Matrix**

**[[249 0]**

**[ 40 7]]**

**The model demonstrates strong precision for predicting 'No' (not leaving) but struggles with recall for 'Yes' (leaving), indicating that some attrition cases are not detected effectively.**