MLInsightX – Model Explainer Summary

Accuracy: 0.895

F1 Score: 0.463

ROC-AUC: 0.909

Narrative:

This model predicts whether a customer will subscribe to a term deposit. It's quite accurate overall (89.5% accuracy, AU

The most important factors are the customer's age, account balance, the day of the month they were last contacted, the d

Here are some key patterns:

*   Older customers are more likely to subscribe

*   Customers with higher balances are more likely to subscribe

Recommendations:

1. **Target older customers and those with higher balances.** Focus marketing efforts on these segments as they show a

2. **Increase call duration.** Longer call durations have a positive impact on subscription rates.

3. **Optimize contact timing.** Focus on making calls on the days of the month when subscription rates are highest.

LLM-as-Judge Summary:

{
  "score_overall": 0.85,
  "score_technical": 0.9,
  "score_coverage": 0.8,
  "score_clarity": 0.9,
  "score_actionabl