Random Forest

1. **What is the overall performance of the model for Random Forest?**
   → 0.90
2. **What is the correct classification performance for customers who did not purchase?**
   → 0.93
3. **What is the correct classification performance for customers who purchased?**
   → 0.90
4. **What is the detection rate (correct identification) for customers who did not purchase?**
   → 0.92
5. **What is the detection rate for customers who purchased?**
   → 0.88
6. **What is the overall balance between correctness and completeness for customers who did not purchase?**
   → 0.92
7. **What is the same balance measure for customers who purchased?**
   → 0.89
8. **What is the number of samples for customers who did not purchase?**
   → 85
9. **What is the number of samples for customers who purchased?**
   → 49
10. **What is the macro average precision of the model?**
    → 0.89
11. **What is the macro average recall of the model?**
    → 0.90
12. **What is the macro average F1-score of the model?**
    → 0.90
13. **What is the weighted average precision of the model?**
    → 0.90
14. **What is the weighted average recall of the model?**
    → 0.90
15. **What is the weighted average F1-score of the model?**
    → 0.90

Decision Tree

1. **What is the overall performance of the model for Decision Tree?**
   → 0.87
2. **What is the correct classification performance for customers who did not purchase?**
   → 0.90
3. **What is the correct classification performance for customers who purchased?**
   → 0.82
4. **What is the detection rate (correct identification) for customers who did not purchase?**
   → 0.89
5. **What is the detection rate for customers who purchased?**
   → 0.84
6. **What is the overall balance between correctness and completeness for customers who did not purchase?**
   → 0.90
7. **What is the same balance measure for customers who purchased?**
   → 0.83
8. **What is the number of samples for customers who did not purchase?**
   → 85
9. **What is the number of samples for customers who purchased?**
   → 49
10. **What is the macro average precision of the model?**
    → 0.86
11. **What is the macro average recall of the model?**
    → 0.87
12. **What is the macro average F1-score of the model?**
    → 0.86
13. **What is the weighted average precision of the model?**
    → 0.87
14. **What is the weighted average recall of the model?**
    → 0.87

15. **What is the weighted average F1-score of the model?**
    → 0.87

Support Vector Machine

1. **What is the overall performance of the model for SVM?**
   → **0.78**
2. **What is the correct classification performance for customers who did not purchase?**
   → **0.76**
3. **What is the correct classification performance for customers who purchased?**
   → **0.88**
4. **What is the detection rate (correct identification) for customers who did not purchase?**
   → **0.96**
5. **What is the detection rate for customers who purchased?**
   → **0.47**
6. **What is the overall balance between correctness and completeness for customers who did not purchase?**
   → **0.85**
7. **What is the same balance measure for customers who purchased?**
   → **0.61**
8. **What is the number of samples for customers who did not purchase?**
   → **85**
9. **What is the number of samples for customers who purchased?**
   → **49**
10. **What is the macro average precision of the model?**
    → **0.82**
11. **What is the macro average recall of the model?**
    → **0.72**
12. **What is the macro average F1-score of the model?**
    → **0.73**
13. **What is the weighted average precision of the model?**
    → **0.81**

14. **What is the weighted average recall of the model?**
    → **0.78**

15. **What is the weighted average F1-score of the model?**
    → **0.76**
