| **Metric** | **SVM** | **Random Forest** | **Difference and Explanation** |
| --- | --- | --- | --- |
| F1 Score | 0.88 | 0.74 | SVM achieves a higher F1 score compared to Random Forest, indicating better balance between precision and recall. Higher F1 score suggests better overall performance in classification tasks. |
| Accuracy | 0.87 | 0.78 | SVM also has a slightly higher accuracy compared to Random Forest. Accuracy measures the overall correctness of the model's predictions. While the difference in accuracy may not be significant, SVM performs marginally better in this aspect. |