**Confusion Matrix Breakdown:**

|  | **Predicted 0** | **Predicted 1** | **Total Actual** |
| --- | --- | --- | --- |
| **Actual 0** | 20,045 (TN) | 2,420 (FP) | 22,465 |
| **Actual 1** | 8,579 (FN) | 1,015 (TP) | 9,594 |
| **Total Predicted** | 28,624 | 3,435 | 32,059 |

* **True Negatives (TN):** 20,045 – Correct predictions where the actual class was 0, and the model predicted 0.
* **False Positives (FP):** 2,420 – Instances where the actual class was 0, but the model incorrectly predicted 1.
* **False Negatives (FN):** 8,579 – Instances where the actual class was 1, but the model incorrectly predicted 0.
* **True Positives (TP):** 1,015 – Correct predictions where the actual class was 1, and the model predicted 1.