**Class Imbalance Analysis:**

* **Class 0 (Majority Class):** 22,465 instances (~70.1% of total)
* **Class 1 (Minority Class):** 9,594 instances (~29.9% of total)
* The imbalance is clear and significant. The model is biased toward the majority class, leading to poor recall for the minority class.

**Impact of Class Imbalance:**

* **High False Negatives (8,579):** If class 1 represents critical cases (e.g., fraudulent transactions, diseased patients, etc.), this is alarming as many important cases are being missed.
* **High False Positives (2,420):** The model frequently misclassifies class 0 instances as class 1, which can lead to unnecessary investigations, costs, or incorrect actions.