A screenshot of a computer screen

Description automatically generated

Classification Report:

Precision: Precision measures the accuracy of the positive predictions made by the model. For class negatif, it is 0.96, and for class positif, it is 0.97.

Recall: Recall measures the ability of the model to correctly identify positive instances. For class negatif, it is 0.88, and for class positif, it is 0.99.

F1-score: The F1-score is the harmonic mean of precision and recall. It provides a balance between precision and recall. For class negatif, it is 0.92, and for class positif, it is 0.98.

Support: The number of actual occurrences of the class in the specified dataset.

Accuracy: 0.972 - This is the proportion of correctly classified samples (both positive and negative) out of the total number of samples.

Interpretation:

The model demonstrates high accuracy (97.2%) and performs well overall.

It shows high precision and recall for both classes, indicating that the model makes accurate positive and negative predictions.

The F1-score, which balances precision and recall, is also high for both classes, indicating good overall performance.

The confusion matrix provides insight into the model's performance in terms of correctly and incorrectly classified instances for each class.

In summary, this model appears to be highly effective in classifying both positive and negative instances, demonstrating strong performance across precision, recall, F1-score, and accuracy metrics.