Activity 6

In this activity, we explored different performance evaluation techniques to assess model effectiveness. Metrics such as the F1-score and R-squared were used to measure how well the model balanced precision and recall or explained variance, depending on the task. Additionally, we constructed a confusion matrix to visualize true positives, false positives, true negatives, and false negatives. This helped us understand the practical impact of model errors, especially in sensitive applications where misclassification can have real-world consequences.







