Terry Stops/ Stop, Search, and Frisk
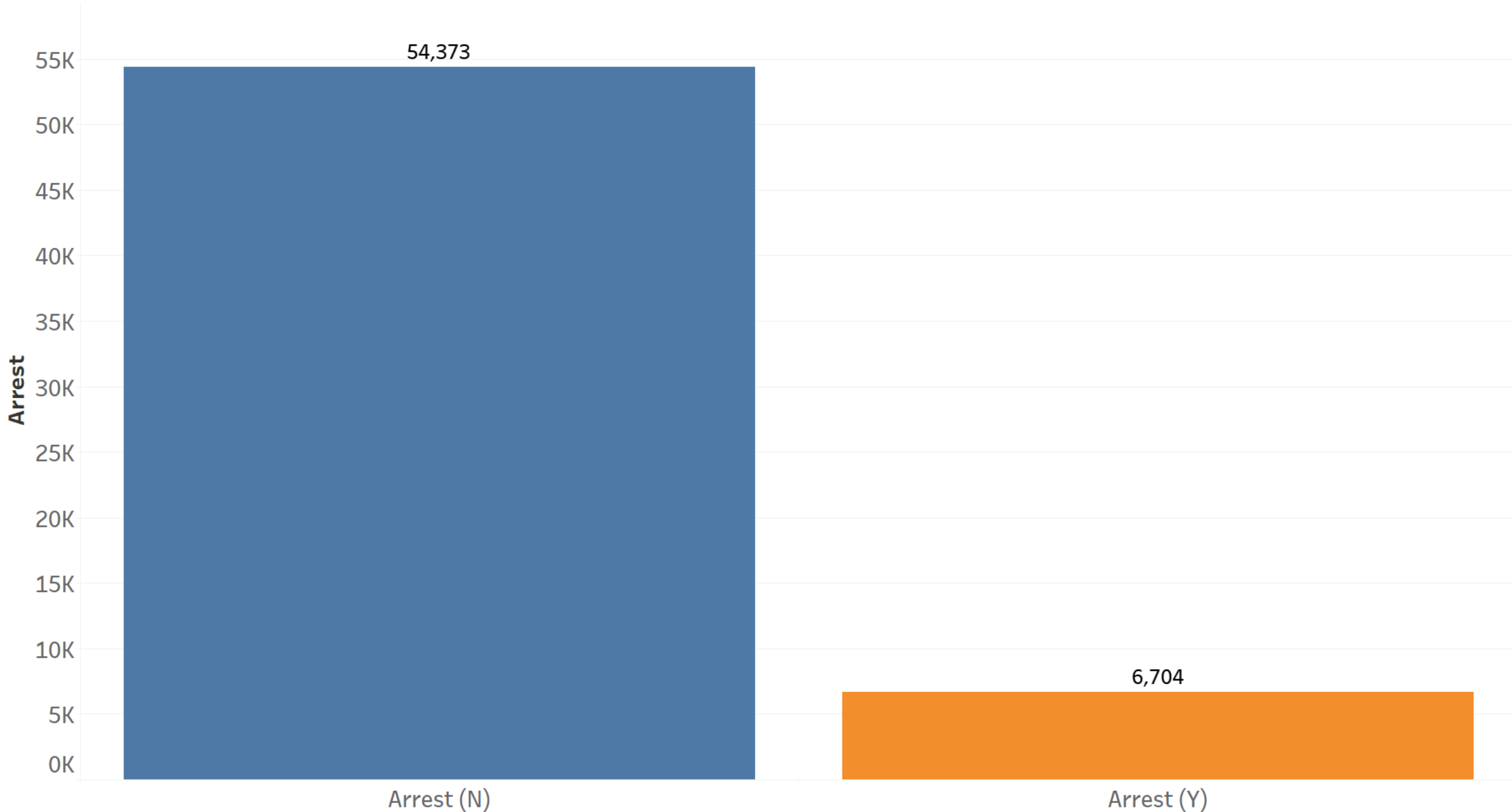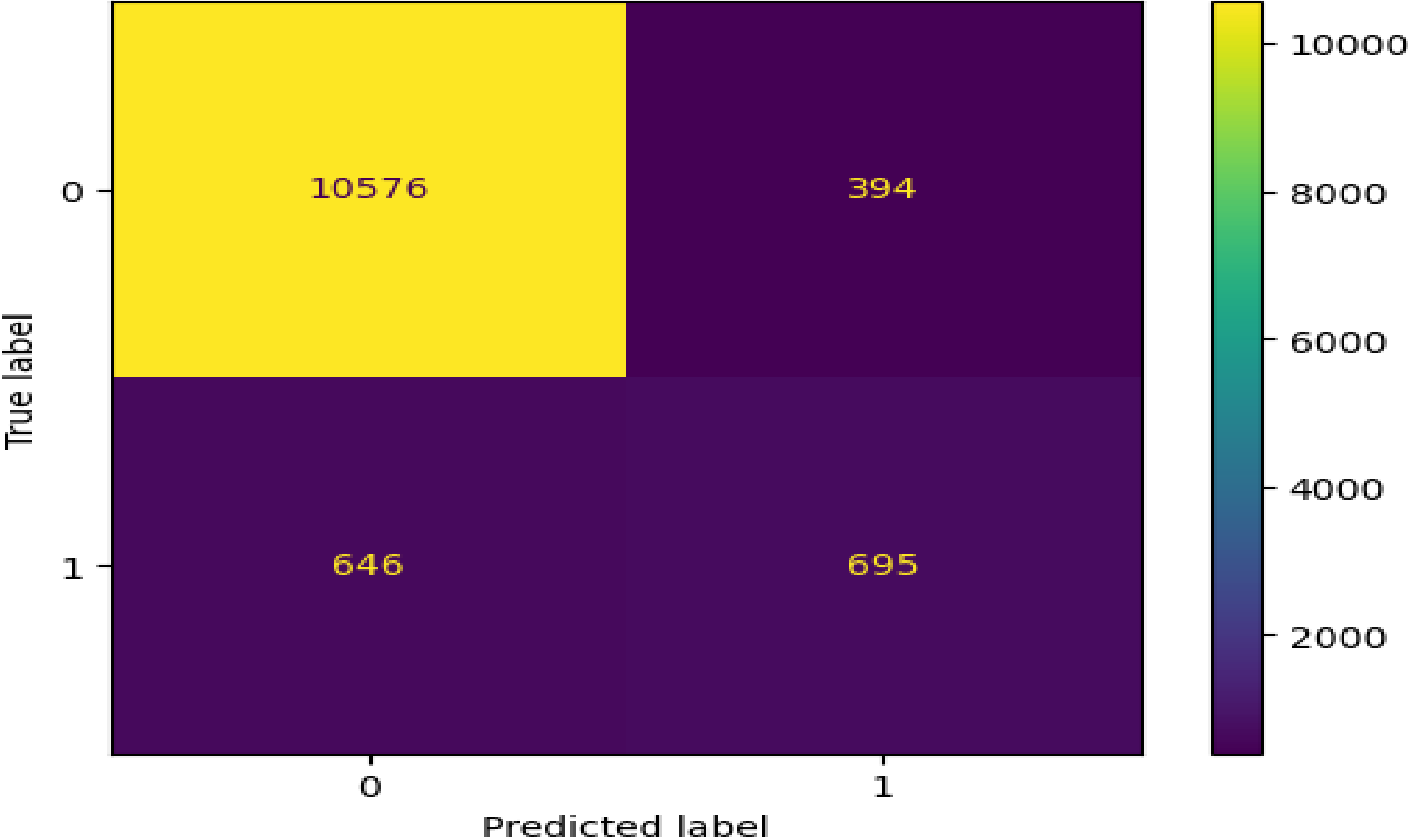
Orangel Mendez

Business Problem

Create a model where it records an arrest is being made following a Terry stop.

- Analyze data from Terry stops in Seattle
- Determine best predictors that lead to arrests from a Terry stop
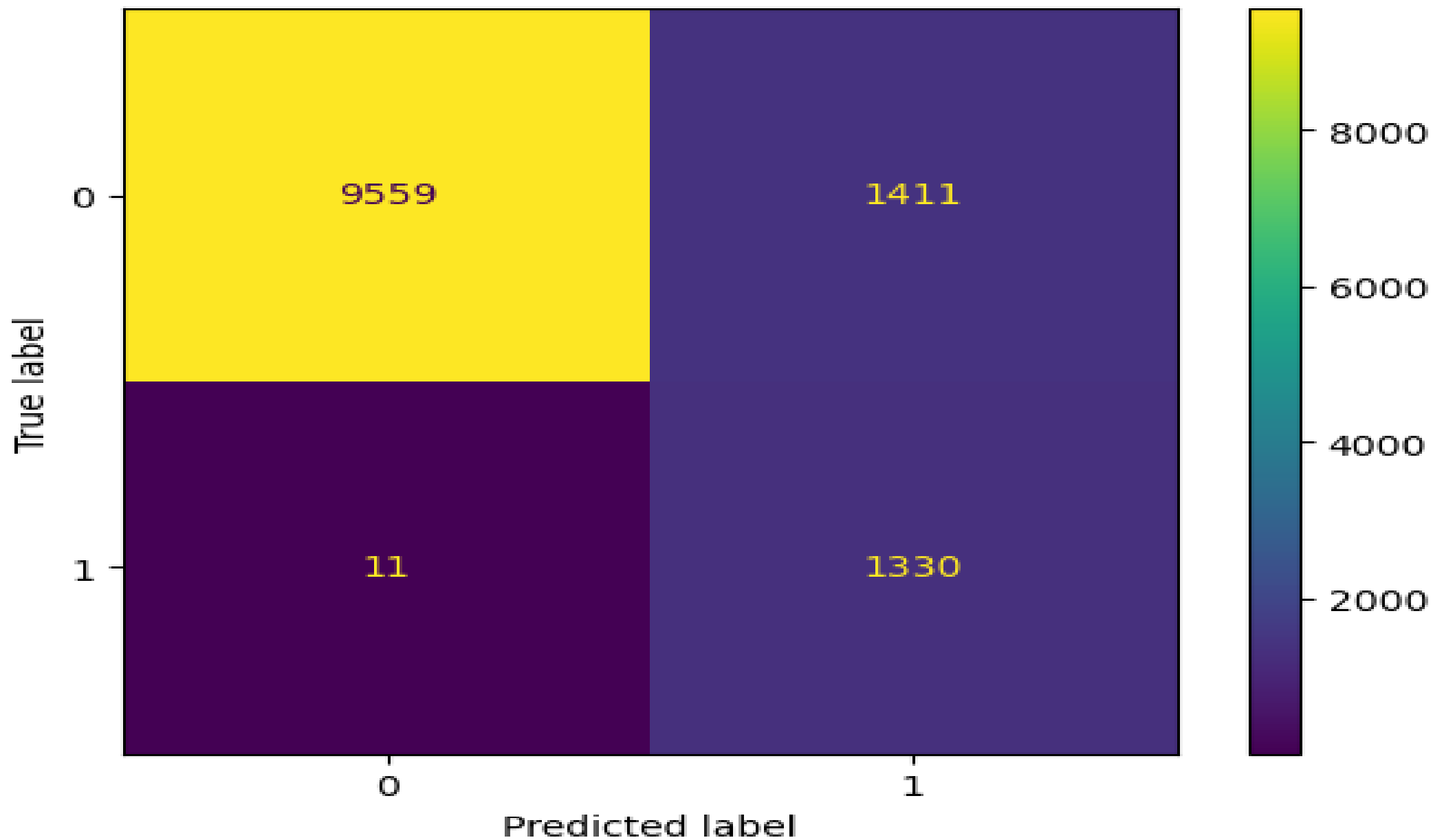- Make recommendations to improve the outcome
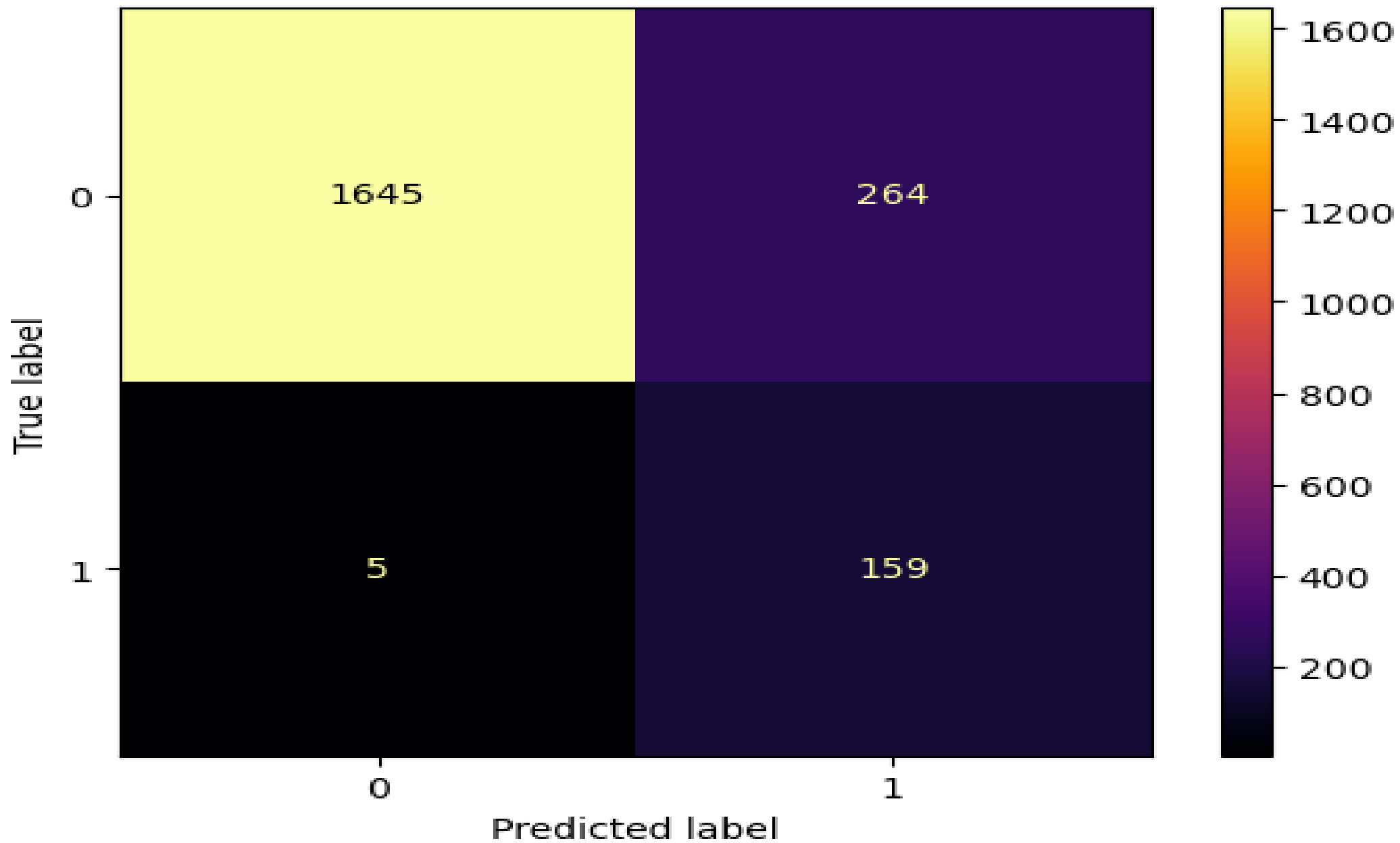
Distribution of Arrests made

Baseline Model (Logistic Regression)

Decision Tree Classifier Model

Final Model

Next Steps:

- **Improve data collection**

- **Accurately record incidents**

- **Refine the model with the additional data.**

Conclusion

- **The overall goal was to accurately predict the outcome of stops that were performed.**

- **The recall score can predict the correct instances of arrests (True Positives).**