

TikTok Classification Project

Verification Status Model

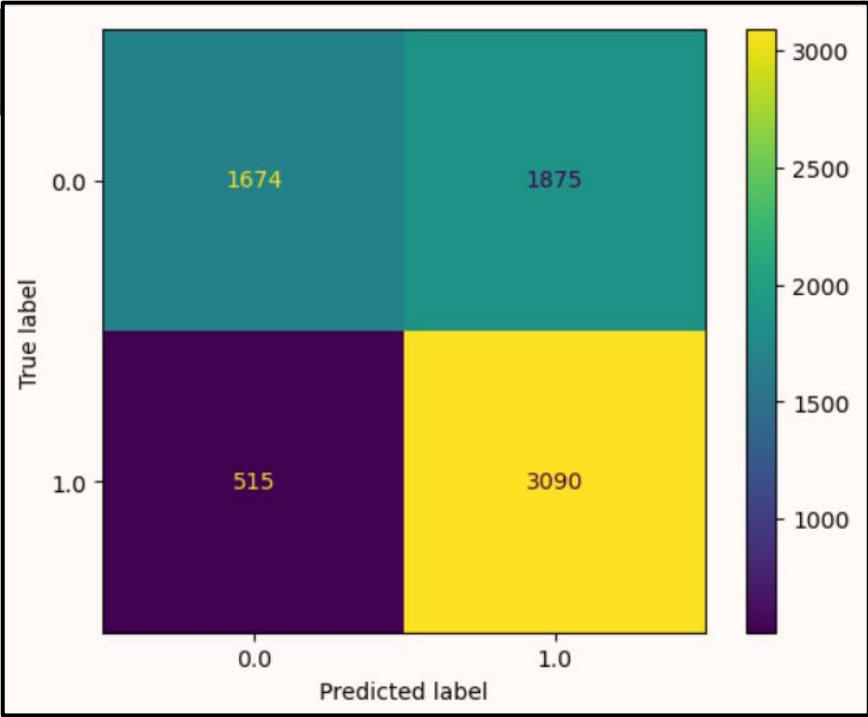
Project Overview

We created a model that predicts the verification status of the user using available data and managed to create a model that achieves 65% accuracy on unseen data.

Key Insights

The model we created uses claim status, author ban status, video view count and video download count as features and achieves a 65% accuracy on unseen test data. The model achieves high precision on verified label and high recall on unverified label. The model has few false negatives with a high number of false positives. While the model performs decently well, it can be improved by using other machine learning methods.

Details



Confusion Matrix for the verification status model

Next Steps

Improve the model and create a final model that will predict the claim status of the video as outlined in the original problem statement.