Input-Output Correlation Matrix for Process Optimization
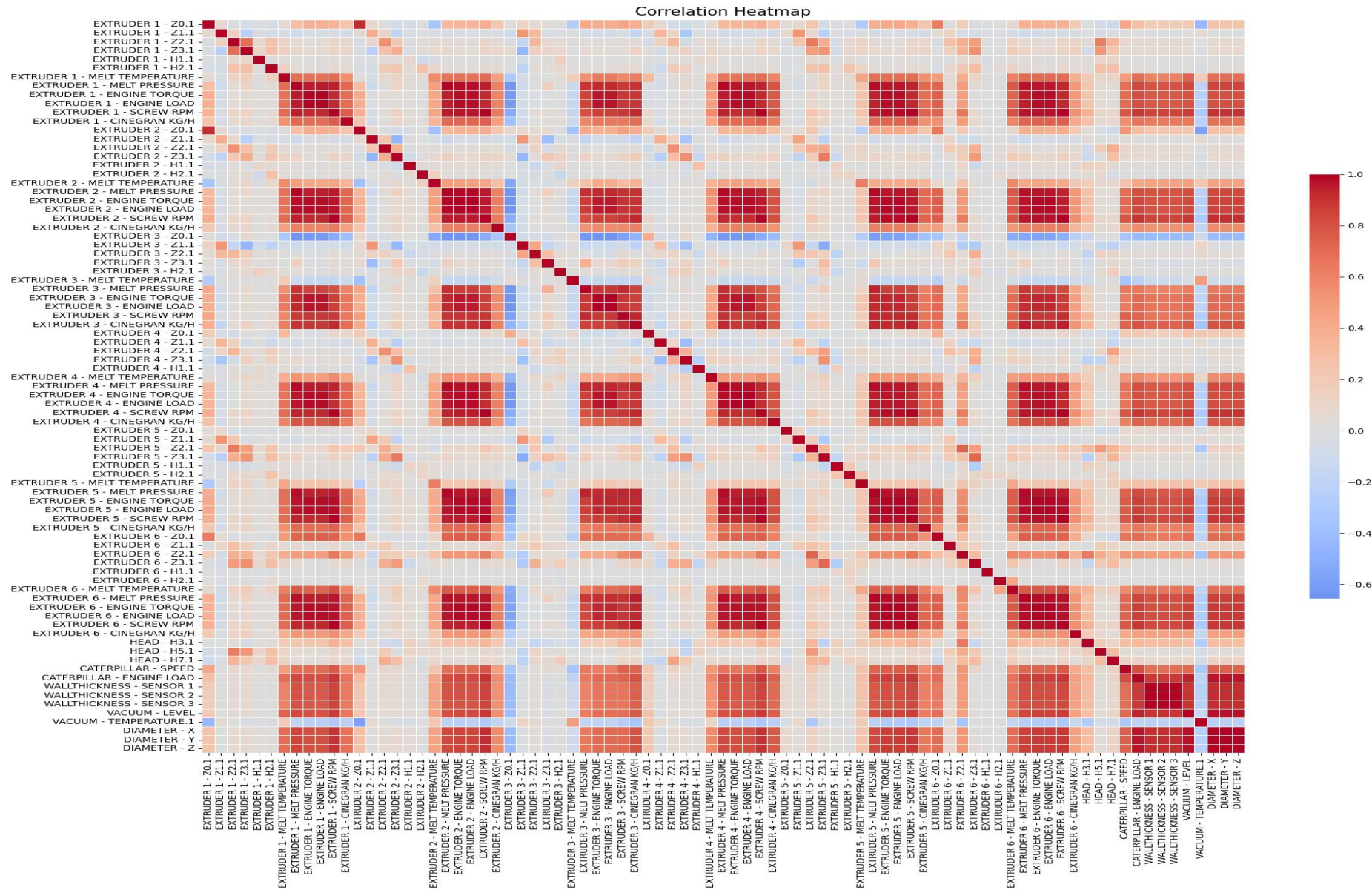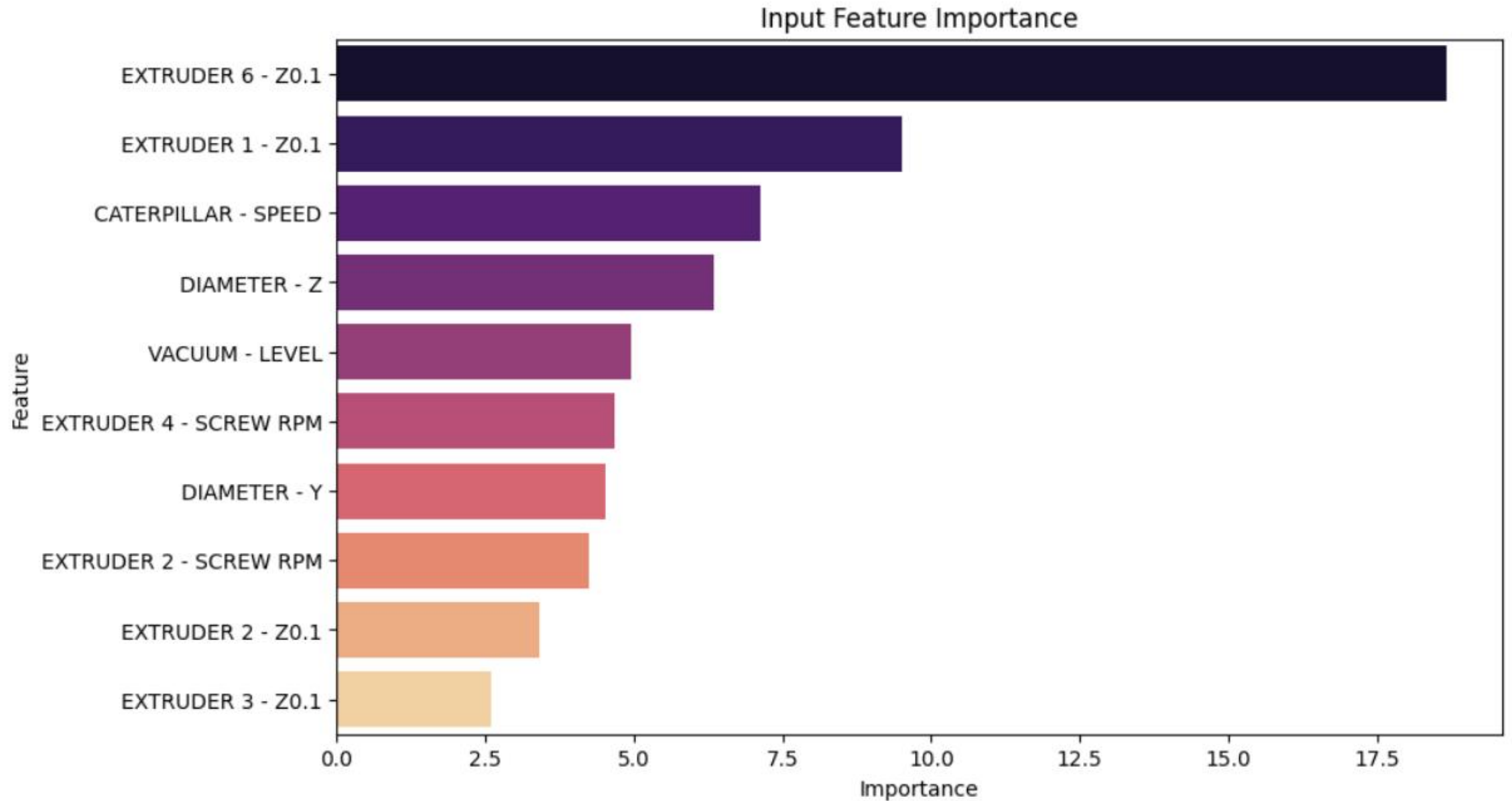

Correlation Heatmap

Output Performance Analysis for Process Optimization

Mean Values of Output Variables
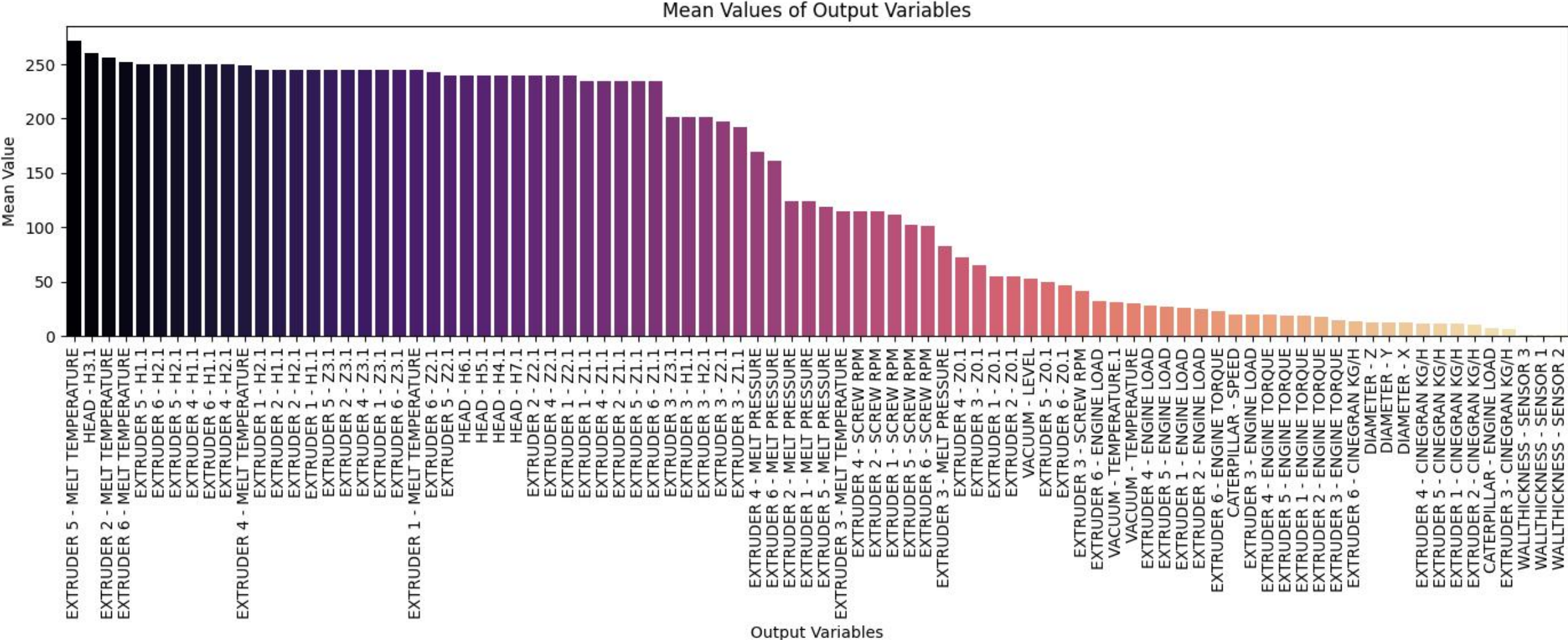
Model Prediction Based on Test Data

Confusion Matrix for Test Set

	Scrap	Prod
Scrap	1146	4
Prod	2	2738

Predicted (x-axis), Actual (y-axis)
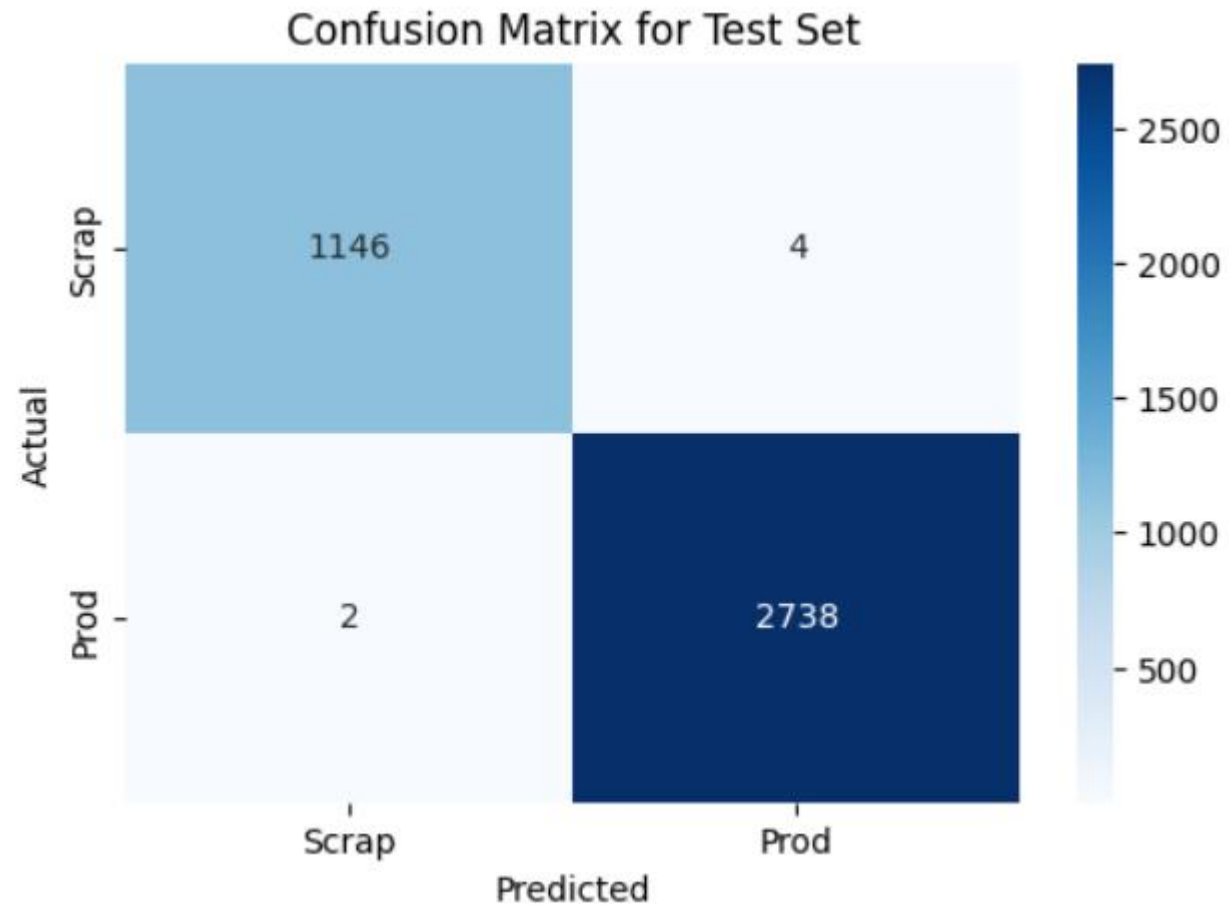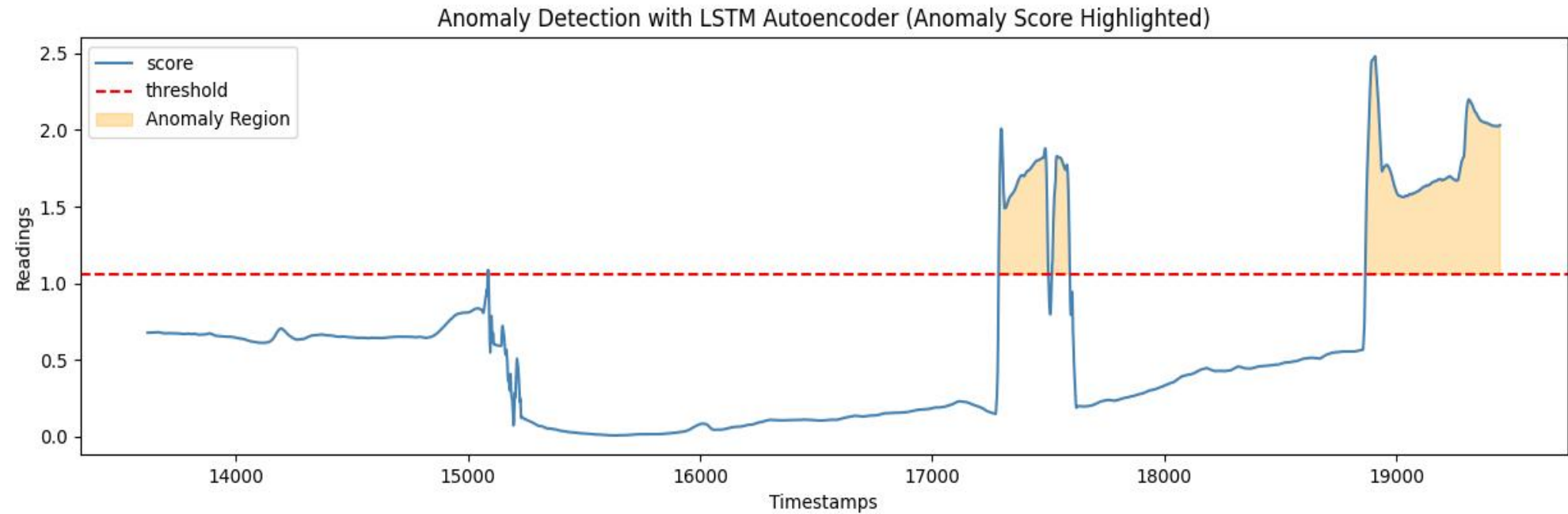
Feature Importance Analysis for Predictive Modeling in Industrial Processes

Anomaly Detection in Top 10 Output Features Using LSTM Predictions

Anomaly Detection with LSTM Autoencoder (Anomaly Score Highlighted)

Anomaly Detection in Top 10 Output Features Using LSTM Predictions