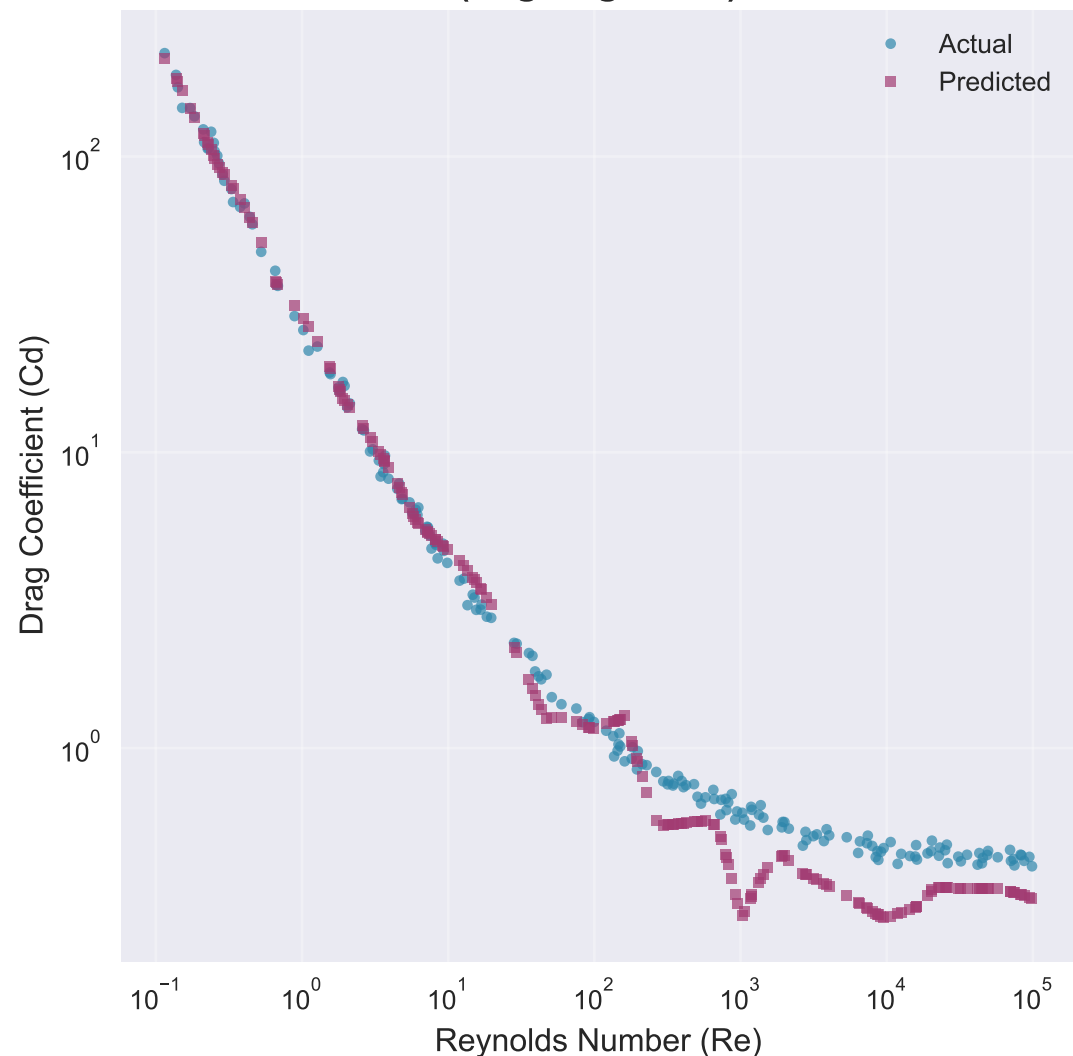
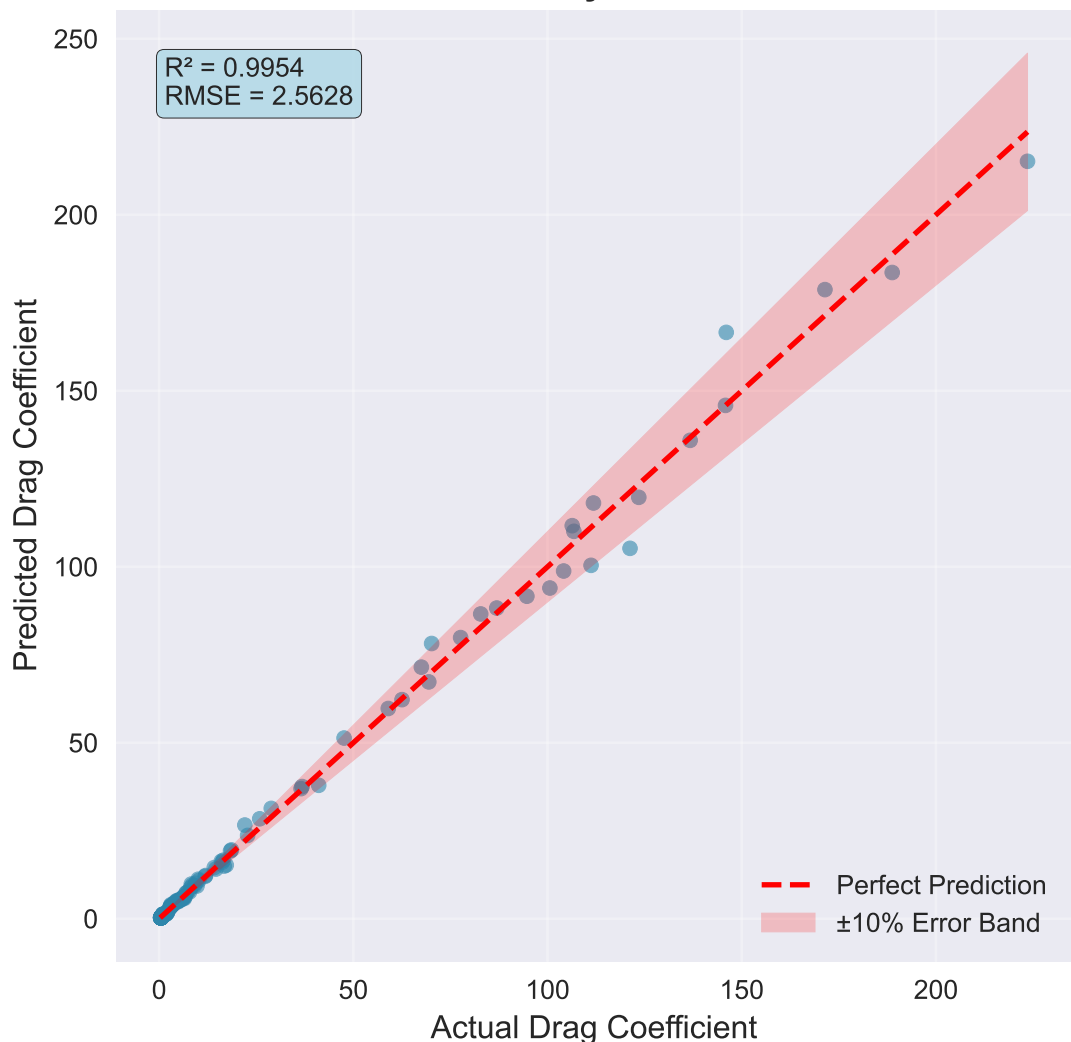


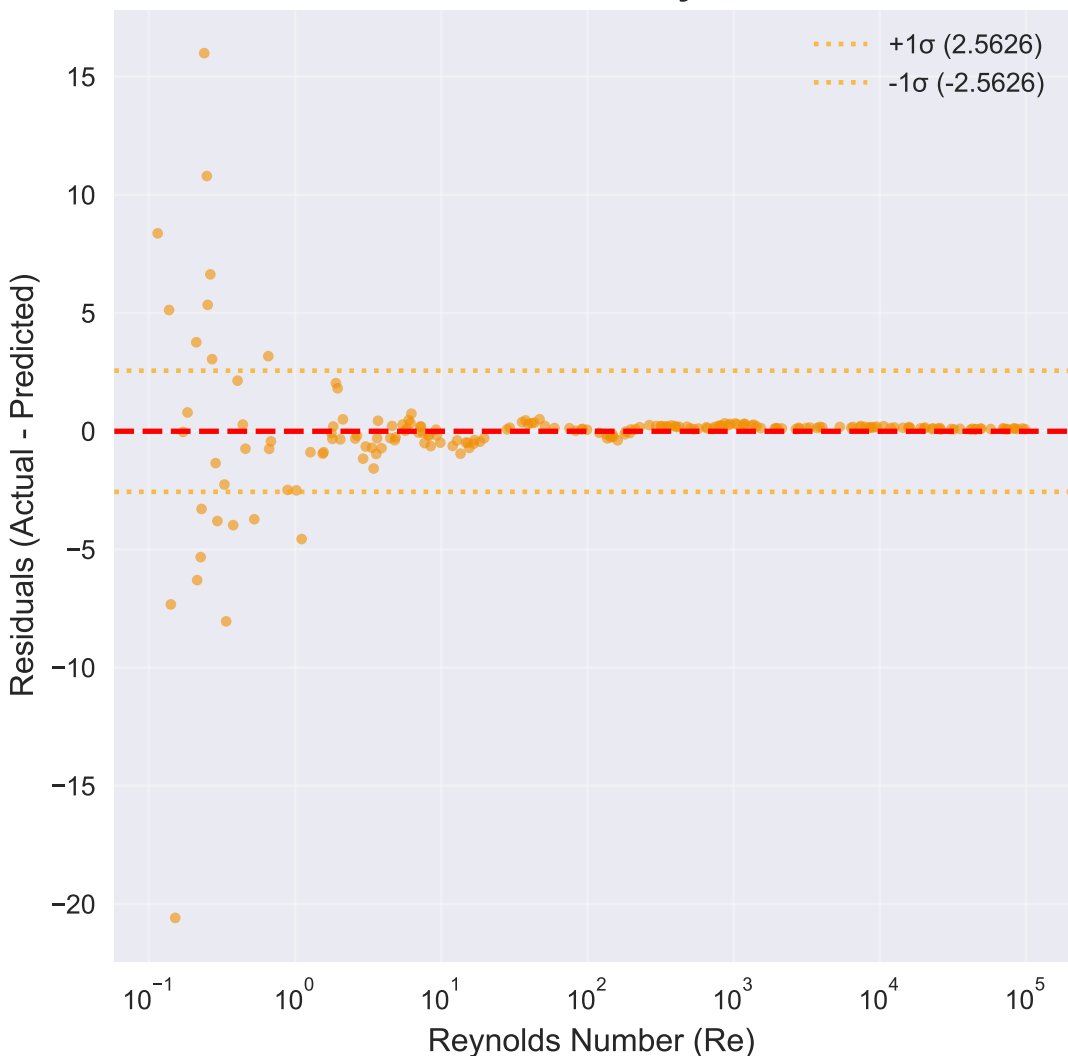
Predictions vs Actual  
(Log-Log Scale)



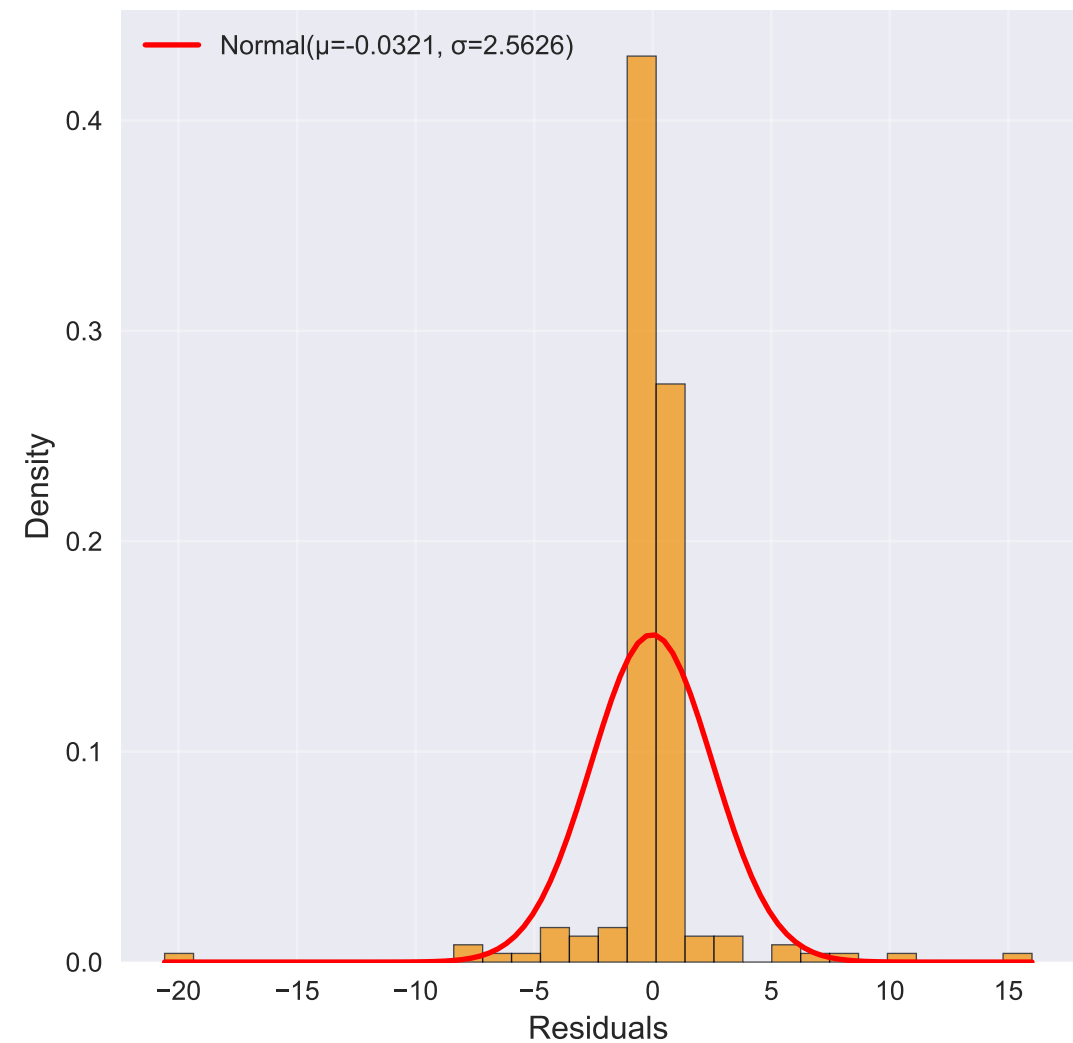
Parity Plot



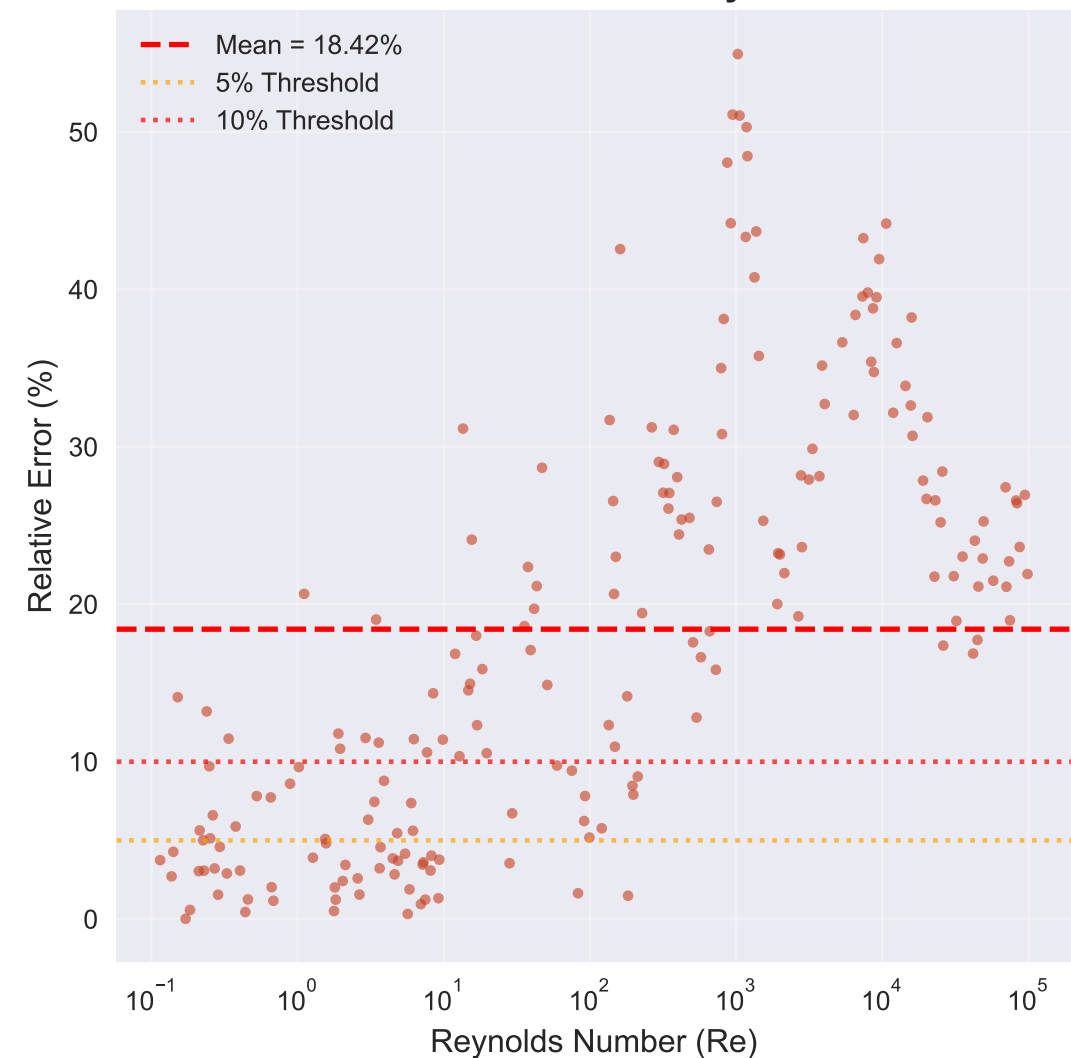
Residual Analysis



Error Distribution



Relative Error Analysis



PERFORMANCE METRICS

=====  
Coefficient of Determination ( $R^2$ ): 0.995381  
Root Mean Square Error (RMSE): 2.562809  
Mean Absolute Error (MAE): 0.946212  
Mean Absolute Percentage Error: 18.42%

RESIDUAL STATISTICS

=====  
Mean Residual: -0.032108  
Std Dev Residuals: 2.562608  
Max Absolute Error: 20.586648

ACCURACY THRESHOLDS

=====  
Predictions within 5% error: 44/200 (22.0%)  
Predictions within 10% error: 71/200 (35.5%)