033 Custom scorer met technical en encoding

------------------- Final model stats ---------------------

Logistic

precision recall f1-score support

0 0.26 0.36 0.30 682

1 0.83 0.65 0.73 3104

2 0.29 0.44 0.35 750

accuracy 0.57 4536

macro avg 0.46 0.48 0.46 4536

weighted avg 0.66 0.57 0.60 4536

KNN

precision recall f1-score support

0 0.24 0.31 0.27 682

1 0.76 0.78 0.77 3104

2 0.28 0.17 0.21 750

accuracy 0.61 4536

macro avg 0.43 0.42 0.42 4536

weighted avg 0.60 0.61 0.60 4536

Random Forest

precision recall f1-score support

0 0.31 0.27 0.29 682

1 0.80 0.80 0.80 3104

2 0.33 0.36 0.34 750

accuracy 0.65 4536

macro avg 0.48 0.48 0.48 4536

weighted avg 0.65 0.65 0.65 4536

XGBoost

precision recall f1-score support

0 0.40 0.14 0.21 682

1 0.75 0.95 0.83 3104

2 0.45 0.21 0.29 750

accuracy 0.70 4536

macro avg 0.53 0.43 0.44 4536

weighted avg 0.64 0.70 0.65 4536

AdaBoost

precision recall f1-score support

0 0.19 0.13 0.16 682

1 0.79 0.75 0.77 3104

2 0.30 0.45 0.36 750

accuracy 0.61 4536

macro avg 0.43 0.44 0.43 4536

weighted avg 0.62 0.61 0.61 4536

MLP

precision recall f1-score support

0 0.25 0.26 0.25 682

1 0.77 0.77 0.77 3104

2 0.26 0.25 0.26 750

accuracy 0.61 4536

macro avg 0.43 0.43 0.43 4536

weighted avg 0.61 0.61 0.61 4536