SKIP-Gram:🡪 (spacy lemma)

Classification Report

precision recall f1-score support

negative 0.68 1.00 0.81 688

neutral 1.00 0.87 0.93 2504

positive 1.00 1.00 1.00 1481

accuracy 0.93 4673

macro avg 0.89 0.96 0.91 4673

weighted avg 0.95 0.93 0.93 4673

Classification Report

precision recall f1-score support

negative 0.07 0.09 0.08 172

neutral 0.53 0.49 0.51 626

positive 0.44 0.43 0.44 371

accuracy 0.41 1169

macro avg 0.35 0.34 0.34 1169

weighted avg 0.43 0.41 0.42 1169

Classification Report (epoch=5)

precision recall f1-score support

negative 0.09 0.13 0.11 172

neutral 0.54 0.48 0.51 626

positive 0.44 0.44 0.44 371

accuracy 0.41 1169

macro avg 0.36 0.35 0.35 1169

weighted avg 0.44 0.41 0.43 1169

CBOW :🡪(spacy lemma)

Classification Report

precision recall f1-score support

negative 0.68 1.00 0.81 688

neutral 1.00 0.87 0.93 2504

positive 1.00 1.00 1.00 1481

accuracy 0.93 4673

macro avg 0.89 0.96 0.91 4673

weighted avg 0.95 0.93 0.93 4673

Classification Report

precision recall f1-score support

negative 0.08 0.12 0.10 172

neutral 0.52 0.47 0.50 626

positive 0.43 0.41 0.42 371

accuracy 0.40 1169

macro avg 0.34 0.33 0.34 1169

weighted avg 0.43 0.40 0.41 1169

Classification Report (epoch=5)

precision recall f1-score support

negative 0.08 0.10 0.09 172

neutral 0.52 0.46 0.48 626

positive 0.41 0.42 0.41 371

accuracy 0.39 1169

macro avg 0.33 0.33 0.33 1169

weighted avg 0.42 0.39 0.40 1169