Train Emotion Classification Report:

precision recall f1-score support

angry 0.83 0.90 0.86 121 disgust 1.00 0.14 0.25 14 0.86 0.53 0.65 fear 59 happy 0.96 0.99 0.98 227 0.83 0.77 0.80 sad 157 surprise 0.73 0.84 0.78 149 neutral 0.94 0.97 0.96 173

accuracy 0.87 900 macro avg 0.88 0.73 0.75 900 weighted avg 0.87 0.87 0.86 900

Train Gender Classification Report:

precision recall f1-score support

Man 0.93 0.93 0.93 476 Woman 0.92 0.92 0.92 424

accuracy 0.92 900
macro avg 0.92 0.92 0.92 900
weighted avg 0.92 0.92 0.92 900

Validation Emotion Classification Report:

precision recall f1-score support

0.84 0.75 0.79 angry 28 disgust 0.00 0.00 0.00 3 fear 0.67 0.25 0.36 happy 0.97 0.97 0.97 35 0.57 0.67 0.62 sad 12 surprise 0.67 0.87 0.75 23 0.95 0.97 0.96 neutral 36

accuracy 0.83 145
macro avg 0.67 0.64 0.64 145
weighted avg 0.82 0.83 0.82 145

Validation Gender Classification Report:

precision recall f1-score support

Man 0.91 0.90 0.90 79 Woman 0.88 0.89 0.89 66

accuracy 0.90 145
macro avg 0.90 0.90 0.90 145
weighted avg 0.90 0.90 0.90 145

Test Emotion Classification Report:

precision recall f1-score support

angry 0.64 0.78 0.70 9 disgust 0.00 0.00 0.00 fear 1.00 0.50 0.67 0.92 1.00 0.96 12 happy 1.00 0.56 0.71 9 sad surprise 0.50 0.60 0.55 10 neutral 0.67 1.00 0.80 6

accuracy 0.74 53
macro avg 0.68 0.63 0.63 53
weighted avg 0.77 0.74 0.73 53

Test Gender Classification Report:

precision recall f1-score support

Man 0.88 0.97 0.92 30 Woman 0.95 0.83 0.88 23

accuracy 0.91 53
macro avg 0.91 0.90 0.90 53
weighted avg 0.91 0.91 0.90 53