

Feature Name	What it means
avg_blink_rate	Blinks per minute
blink_variability	How irregular blinking is
avg_fixation_time	How long eyes stay on one word/object
fixation_variance	Reading instability
saccade_speed	Speed of eye jumps
saccade_count	Number of eye jumps
gaze_entropy	Randomness of eye movement
regression_count	Eyes moving backward (rereading)
lookaway_frequency	How often eyes leave screen
focus_ratio	% time eyes stay on task
pupil_dilation_avg	Mental effort
pupil_dilation_variance	Cognitive stress

Feature

head_movement_energy

head_turn_rate

head_stability

head_down_time

face_to_screen_distance

posture_shifts

Feature

brow_furrow_rate

lip_press_rate

jaw_clench_rate

eye_widen_rate

smile_ratio

frown_ratio

confusion_expression_rate

frustration_expression_rate

micro_expression_count

Feature

emotion_happy_avg

emotion_sad_avg

emotion_fear_avg

emotion_angry_avg

emotion_neutral_avg

emotion_surprise_avg

emotion_variance

negative_emotion_ratio

Feature

mouth_open_rate

lip_hesitation_rate

silent_reading_mouth_moves

word_restart_count

pause_before_speaking

speaking_confidence_score

Feature

attention_ratio

distraction_events

off_screen_time

gaze_drift_rate

hyperactivity_index

engagement_score

Feature

cognitive_load_index

stress_index

face_tension_score

blink_stress_ratio

expression_volatility

task_difficulty_response