

Dataset	Typical Anomalies	Used For
WESAD	Unusual stress responses, sensor artifacts	Stress detection, wearable reliability
MIMIC-III	Abnormal vitals/labs, sudden deterioration, sepsis	Early sepsis/mortality prediction, outlier patient trajectories
MIT-BIH	Arrhythmias, abnormal heartbeats, ECG noise	Heartbeat anomaly detection, arrhythmia classification
MHEALTH	Falls, abnormal gait, sensor malfunctions	Fall detection, abnormal activity recognition
Sleep-EDF	Apnea, arousals, abnormal transitions, EEG noise	Sleep disorder detection, stage anomaly detection