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(57) Abstract :

An AI-powered typing behavior monitor (100) for mental health comprises a sensor-integrated keyboard (101), a behavioral data acquisition module (102), a real-time AI processing unit (103), a mental health inference engine (104), and a feedback and alerting module (105). The system continuously captures keystroke dynamics and applies AI models to detect behavioral deviations associated with stress, anxiety, or depression, providing non-intrusive, adaptive, and privacy-preserving mental health monitoring.

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