

PIA (full)

Data Inventory

- Inputs: sleep_hours, caffeine_mg, screen_time_hours (+ optional bedtime, notifications).
- Outputs: proxy_productivity_score, uncertainty, risk_factors, suggestion.
- No identifiers or sensitive categories.

Purpose Limitation

- Sole purpose: predict daily productivity proxy.
- Not for medical, hiring, or grading use. Disclaimer included.

Minimization & Retention

- Raw inputs: 0d.
- Aggregates: ≤30d.
- Telemetry: latency, error counts only.

Access Control & Governance

- Access limited to developers via auth.
- No external sharing of telemetry.

Telemetry Decision Matrix

Data Type	Collected?	Granularity	Retention	Guardrails / Notes
Input payloads	✗	N/A	0 days	Stateless; no storage
Prediction outputs	✗	N/A	0 days	Returned to client only
Aggregate metrics	✓	Daily totals	≤ 30 days	Jitter/noise added; opt-in only
Latency / SLA metrics	✓	p95, avg	≤30 days	Used for SLA monitoring
Error counts	✓	Aggregate	≤ 30 days	No raw input stored
User identifiers (PII)	✗	N/A	N/A	Never collected

Residual Risks

- Misuse as medical tool → mitigated via disclaimers.
- Re-identification via telemetry → mitigated via jitter + k-anon.
- Confounding in screen time → disclosed as noisy.