SmartClover
Human-Centered AI for Healthcare

SmartClover is a boutique AI studio that delivers ethical, transparent AI solutions designed specifically for healthcare and healthcare education. By placing clinicians, educators, and domain experts at the center of every service, we ensure AI becomes a trusted partner (not a replacement) for medical professionals - integrating advanced data science, generative AI, and rigorous qualitative research to improve healthcare services and communication.

AI for Healthcare Research

Retrieval-augmented large language models process PHR, clinical notes, and observational data at scale. Every insight is evidence-backed and linked to source data, enabling clinicians to trust and verify AI recommendations for early detection of chronic diseases.

Digital resilience for Healthcare

AI-augmented monitoring and anomaly detection protect patient data and hospital systems. SmartClover, following CRA rules, reduces alert noise and spots anomalies various systems including IoT devices, giving actionable context to humans decision-makers.

Creative Education Products

Generative digital storytelling tools help children develop emotional intelligence in safe, guided environments. Co-designed with educators, these interactive applications adapt to each child's responses while content governance ensures all AI-generated material is safe.

Unique Value & Approach

- **Human-in-the-Loop Design:** Domain experts remain in control at every step, with continuous feedback and transparent decision documentation
- **Data Sovereignty:** AI deploys on private, decentralized edge infrastructure so sensitive data never leaves your environment
- **Transparency & Ethics:** Every insight includes underlying evidence for verification, with immutable audit logs for full regulatory accountability

Technology & Partnerships

- **NVIDIA GPU and Deep Learning frameworks:** Faster training and fine-tuning of domain-specific models for real-time insights
- **Ratio1 Collaboration:** Decentralized AI infrastructure ensuring "Your AI, Your Data" with secure, on-premise deployments
- **Romanian Cancer Society (and other orgs):** Strategic partnerships for oncology research and clinical communication initiatives
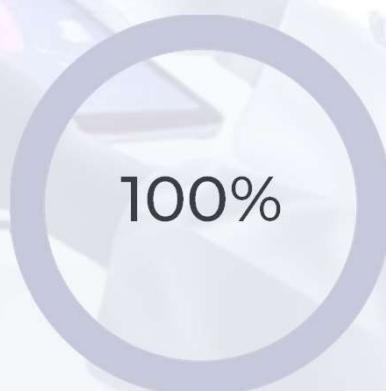
100%
Data Sovereignty
Client data never leaves their secure environment

100%
Source Verification
Every AI insight linked to evidence for clinical trust

100%
Human Oversight
Clinicians maintain final decision authority in all workflows