

Enhancing Data Privacy with Differential Privacy

www.cloud9security.ai



Our Vision

Empower companies to unlock data insights securely via:

- Differential Privacy
- Federated Learning

Secure Insights. Zero Exposure.

Sensitive Data is Vulnerable to Re-identification Attacks

Patient ID	Name	Age	Gender	Blood Type	Medical History	Donation Date
12345	John Hawitz	45	М	O+	Heart Disease	2023-06-15
68450	Jane Smith	32	F	A-	Diabetes	2023-05-20
54675	Bob Brown	60	М	B+	Hypertensio n	2023-07-03
98675	Alice Green	27	F	AB+	Asthma	2023-06-11
13759	Charlie Black	50	М	O-	Cancer	2023-11-08

Threat actors like hackers and cyber terrorists can potentially access & identify customer data

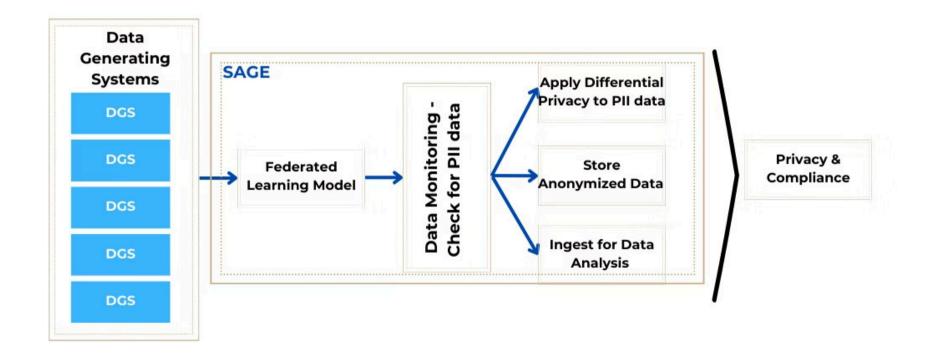
Cloud9 Protects Data Privacy

Patient ID	Name	Age	Gender	Blood Type	Medical History	Donation Date
ID1	J*** D**	45	M	O+	Heart Disease	2023-06-15
ID2	J*** S****	32	F	A-	Diabetes	2023-05-20
ID3	B** B***	60	M	B+	Hypertensio n	2023-07-03
ID4	A**** G****	27	F	AB+	Asthma	2023-06-11
ID5	C***** B****	50	M	O-	Cancer	2023-11-08
ID6	L***** H***	55	М	B-	Diabetes	2023-10-23

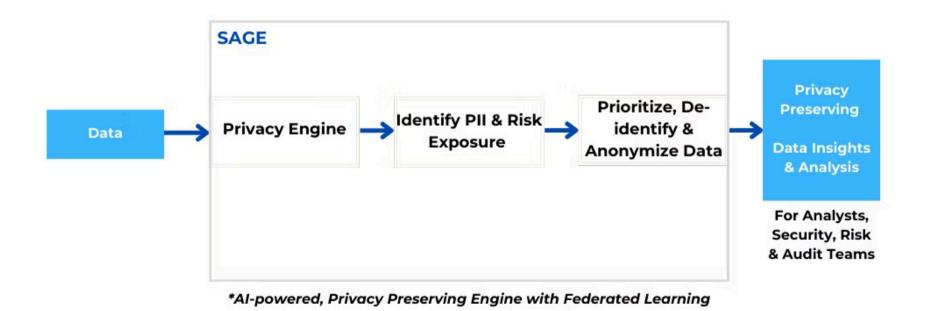
Enhancing privacy and compliance via de-identification & synthetic noise

Help with privacy-preserving data analysis

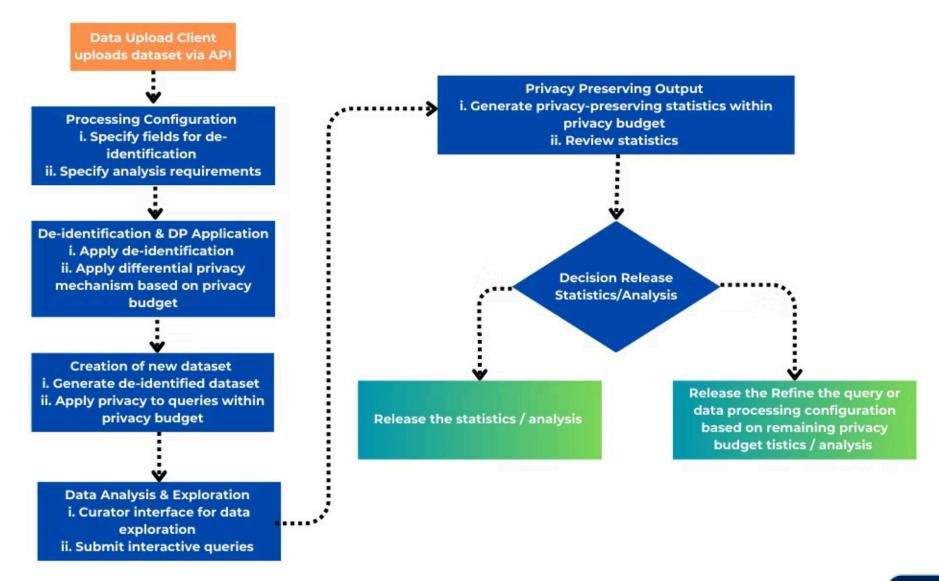
What We Do



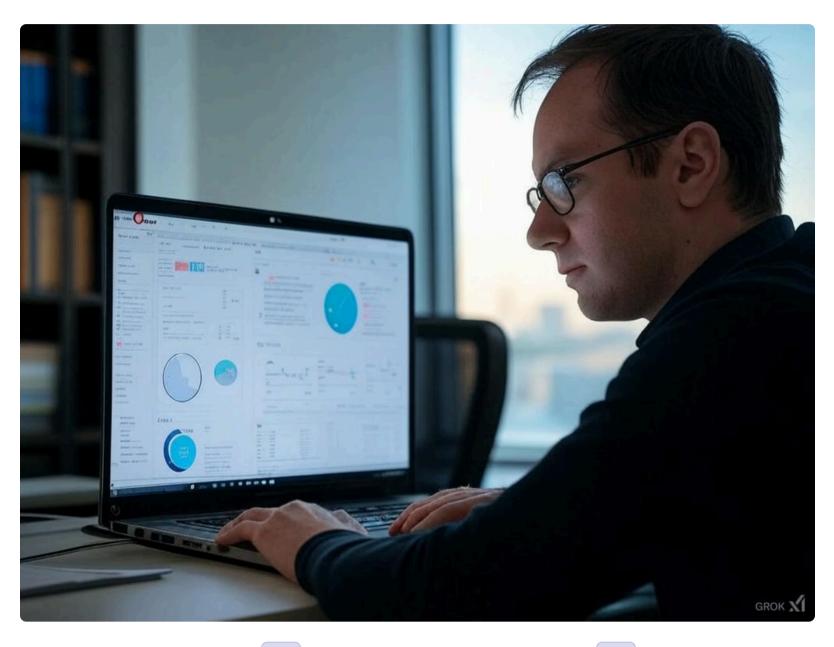
How We Do It



Our Transformation Process



Sage: Core Features



1 Differential Privacy

Protects individual data points

2 Federated Learning Model

Distributed training model for improved PII identification

3 Continuous Monitoring for PII data

Testing & validation against industry standards

Story so far...

90+ Customer interviews & ongoing

Al agent, software MVP & DP Library developed

Team of 14

Prepping beta launch with partner

18-month roadmap

1 2 3

First 6 months

Validate & Build (Toronto)

Commercial:

- Goal: Secure 3-5 pilot customers. Conduct 20 beta interviews.
- Metric: 25% lead-to-pilot conversion. Documented feedback from 100% pilots.

Technology:

- Goal: Refine core AI (5% improvement).
 - Build 1TB synthetic data lake
 (99% uptime). Implement
 Differential Privacy (ε < 1).
- Metric: Successful execution of secure model updates (<
 100ms latency).

Second 6 months

Early Revenue & Scaling Core

Commercial:

- Goal: Convert 60% pilots to paying (2-3 new).
 - Generate \$15k recurring revenue.
- Metric: \$50k ACV. 10% leadto-customer conversion.

Technology:

- Goal: Release MVP 2.0 (15% performance boost). Optimize
 Al (10% faster inference).
 - File **1-2** patents.
- Metric: 3 new features in MVP
 2.0. 99.9% platform uptime.

Fundraising (End of Month 12): \$10M USD (Leveraging traction & milestones)

Third 6 months

Revenue Growth & Feature Expansion

Commercial:

- Goal: Generate \$250k revenue
 (15 new customers). Launch
 PLG (100 sign-ups).
- Metric: \$12.5k CAC. 20% PLGto-paid conversion.

Technology:

- Goal: Release 3 new advanced features.
 - Scale infrastructure for 10x
 growth (99.95% uptime).
- Metric: Positive feedback (> 4/5) on new features.

Key Metrics for Success

- Commercial:
 - \$250k ARR by Month 18.
 - 10+ paying enterprise customers.
 - 5+ channel partnerships.

Technology:

- 2-3 patents filed.
- 99.9% platform uptime and <1% re-identification risk in all deployments.
- Seamless integration with 3+ major cloud providers.

An A-team for cybersecurity



Raj Bhatia

CEO, Co-founder

Product & Tech Dev

Senior security engineer @ Manulife, managed teams of 20, designed and created three SaaS products. Experience w/API, DevSecOps, SDLC, and cloud security. Frontline engineering experience with strong familiarity of technical aspects of cybersecurity.





Bo Simango

CBO, Co-founder

Strategy & Operations

Former cofounder @ Aquafort, acquired multiple international SME accounts, grew marketplace in EMEA & APAC regions. Well versed w/customer acquisition, machine learning, stakeholder engagement, and business development. Board member of a private company based in British Columbia w/multiple rounds of funding.



Expert Counsel from blue-chip companies



Nathan Kimpel

US-based, CISO of a Blackstone Inc. company with over 20 years of experience in CIO & CISO roles.





Mike Kim

vCISO to over 25 companies and CEO of Mycroft. Expert in SOC 2, GDPR, ISO 27001, NIST CSF, PCI DSS, HIPAA, and GCR.



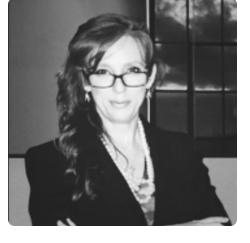


Avi Vijayraghvan

Audit, Governance, Risk & Compliance







Dr. Kimberlee Ann Brannock, Ph.D.

US-based, Cybersecurity expert





Dr. Nishan Mann, Ph.D.

AI & ML Engineering



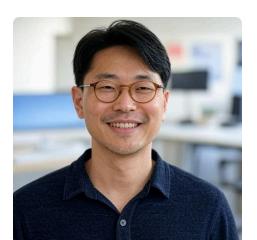


Dr. Kaushik Choudhury, Ph.D.

AI, Deep Learning & LLMs



Microsoft



Hyowon Lee, Ph.D.

Explainable AI & Multilayer Perception





Dhruv Talwar

Cloud Security





Zaffia Laplante

Business Development





Karanbir Singh

Cloud Engineering





Tarun Cherian

Management Consulting & **Project Management**





*Neetika Bhargava, CISSP

Cybersecurity, Privacy & Risk Expert





Rafid Daoud

UI/UX



Shannon Johnson

Design/Product/R&D



Liam Newell

Software Engineering

Manulife



Jas Dhillon

Software Engineering





Made with **GAMMA**



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