Nebula

Enabling AI for Healthcare with Federated Analytics

Sideral

Al Action Summit Hackathon Al for One Health

February 16th, 2025



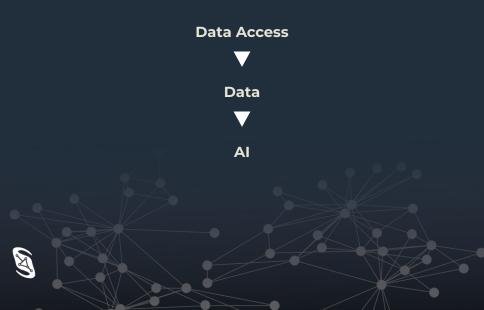
Introduction ΑI



Introduction



Introduction



Introduction

Al needs better access to data!



Healthcare Data in France

Nationwide statistics?

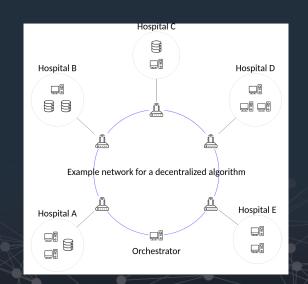
- encourage collaboration
- ensure data coherence
- link with other fields
- protect security and privacy



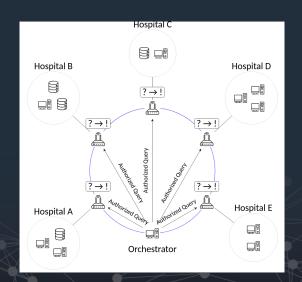
Our Approach

- in-house algorithms
- P2P and adapters
- centralized and decentralized deduplication
- standardized data formats
- enable building novel standards

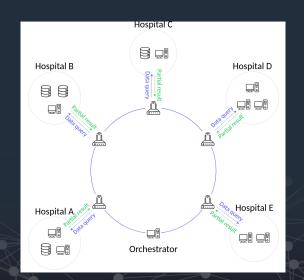




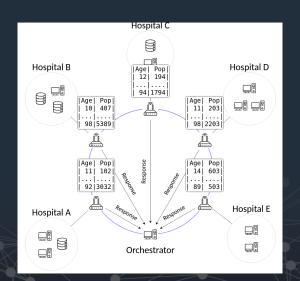




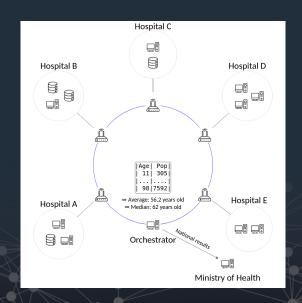














Our solution

Nebula

A **P2P cloud** infrastructure platform

for **building federations**



Our solution

Nebula enables:

- massive interoperability
- secure data collaboration
- federated datasets



Our solution

Demo time!



Reach and strong points

- no PII transit
- extensible in scope
- public-private partnerships
- sovereign system AND international collaboration
- facilitate data access
- CNIL-approved



Conclusion

Thanks for listening! Any questions?

