

# Nebula

Enabling AI for Healthcare with  
Federated Analytics

## *Sideral*

AI Action Summit Hackathon AI for One Health

February 16th, 2025



# Introduction

AI



# Introduction

**Data**



**AI**



# Introduction

**Data Access**



**Data**



**AI**



# Introduction

**AI 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 ?**

