SENSES

ANY DATA • ANY FLOW

DATA OPERATIONS FOR ALL

Data logistics is hard

TIME TO VALUE IS SLOW, EVEN WITH STREAMING!

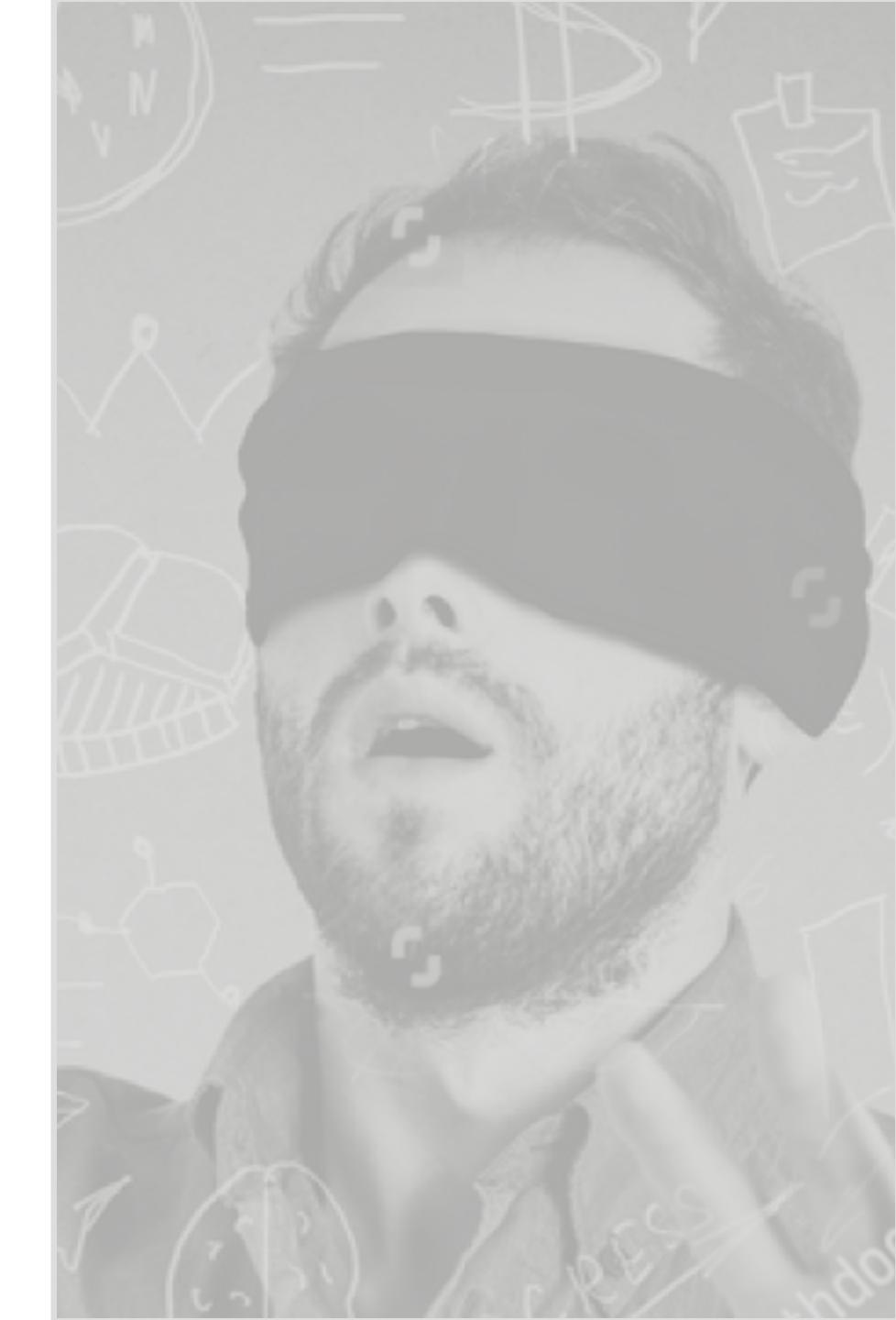


Presentation

Infrastructure

Constant effort for DIY solutions





Business challenges

ADOPT A WHOLE NEW ECOSYSTEM & REDEFINE PRODUCTION READINESS



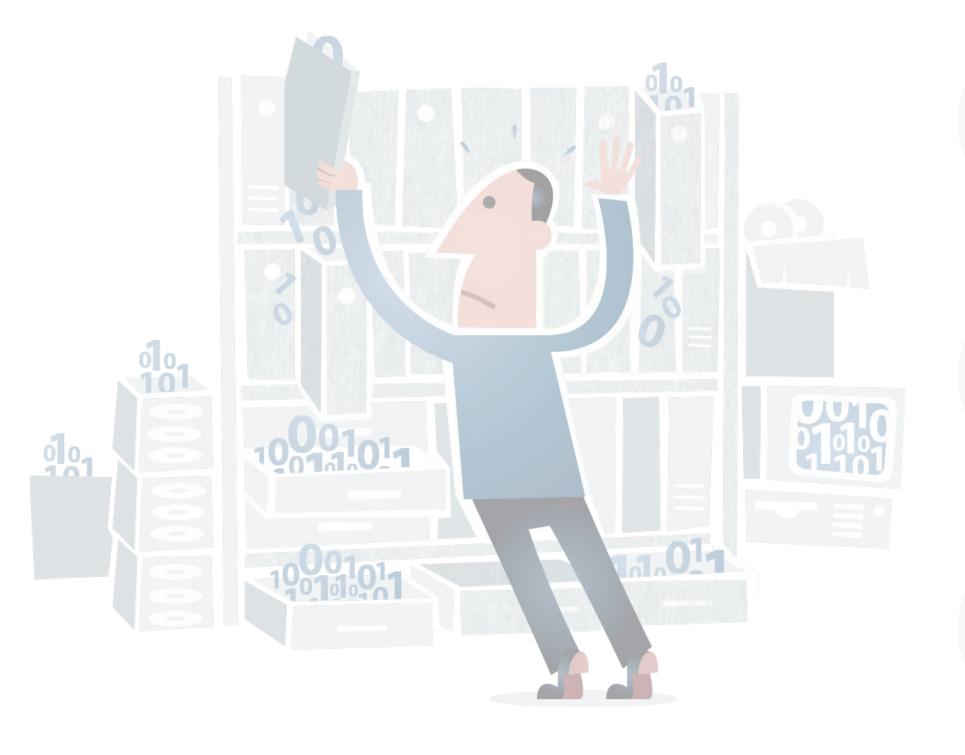
Invest in training & development

Build DevOps mindset & muscle

Keep up with compliance & new regulations

Technical challenges

ENABLE DISCOVERABILITY, ACCESSIBILITY, SELF-SERVICE SECURE PLATFORM



Fine grained and secure access for all

Serverless repeatable real time pipelines

Easy data enrichment & performant apps



Simple & secure data operations platform for data in-motion

We help you build your data highway with confidence on powerful open source engines Kafka & Kubernetes

Very happy users

OUR CUSTOMERS APPRECIATE

"Lenses greatly improves our visibility and control and enables us to move faster into production" Financial - UK

"I have just deployed Lenses in our QA environment but already our ~400 developers are beginning to rely on it, a credit to you and your team!!" Retail - US

"Just deployed the new release of Lenses, i.e. 2.0...and...it's amazing! Responsive, polished & with new amazing features!" FinTech - Italy "Looks like we'll skip the PoC we go to purchasing directly"- Telco - Global

"Just wanna say you have an amazing product, well thought, good design and unique features" - Analytics - US

"Your product is so damn great, keep up the good work!" - Community

"Unsure how to thank you guys but this is a masterpiece. We are going into production with this now. Speaks volumes about the quality." - Community

Our DataOps formula

MADE FOR CONNECTING DATA WITH PEOPLE IN REAL TIME

Self service & SQL

data access & preparation

For all users

devs, consumers, stewards

Easily apply data flows

Automated and scalable

Free up time

from building infrastructure

Protection policies

for anonymisation & compliance

Data access

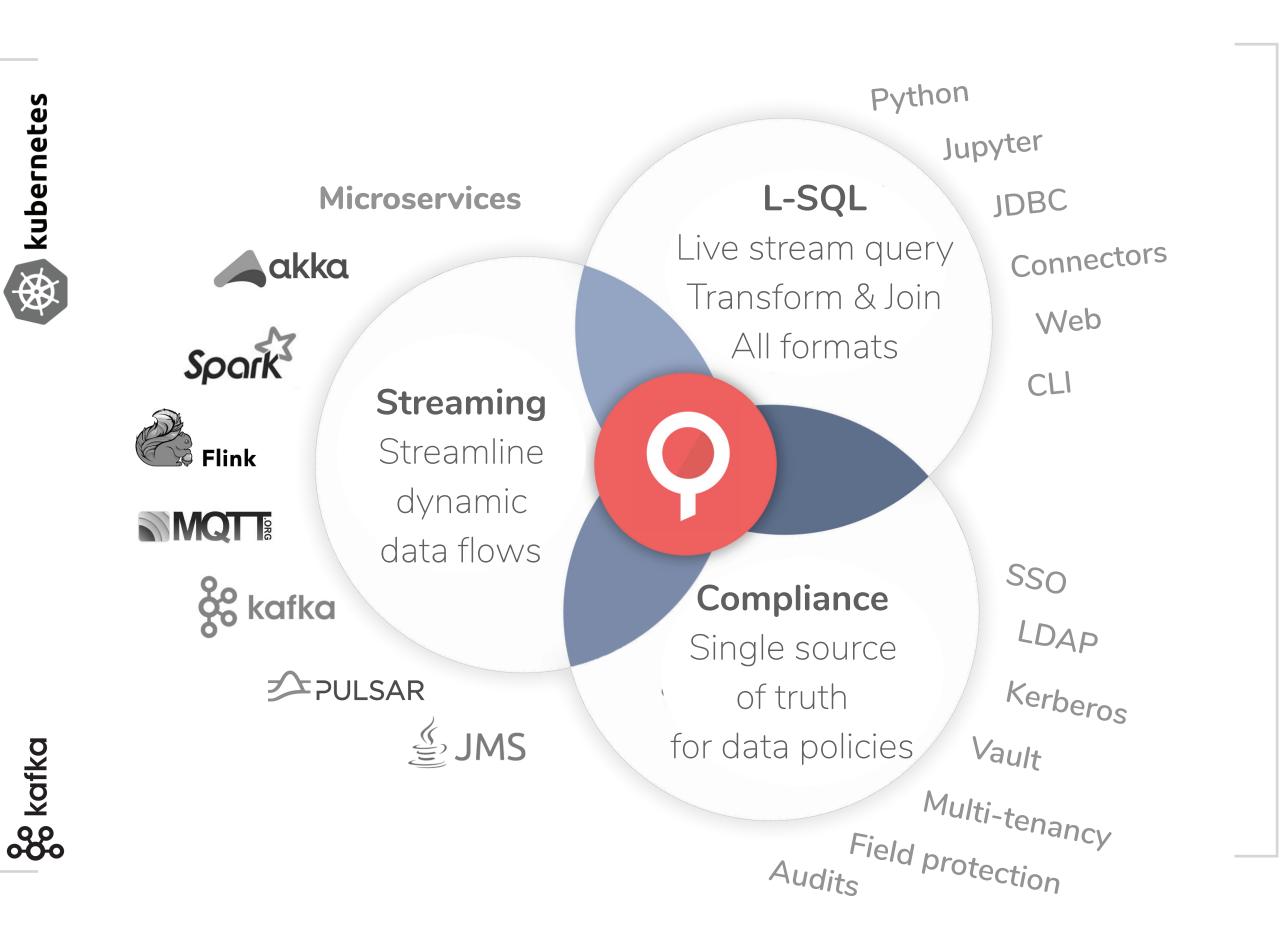
• • • • • •

and confident business integration

LENSES = f (data)

THE CATALYST FOR DATA-IN MOTION







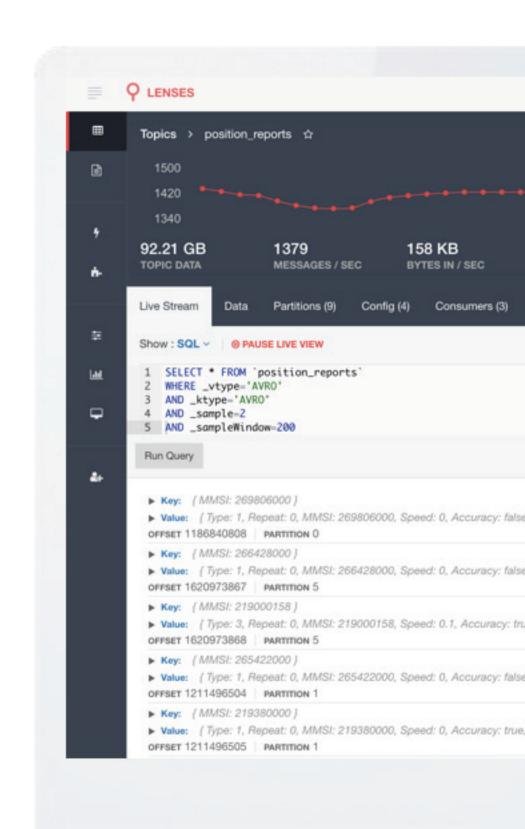
engineers



d.scientists



d.officer



LENSES

THE REQUIREMENTS OF A MODERN DATA PLATFORM

Visibility

Manage Data Flows

SQL Enrichment

Fine grained data access

Data Movement

Governance & Lineage

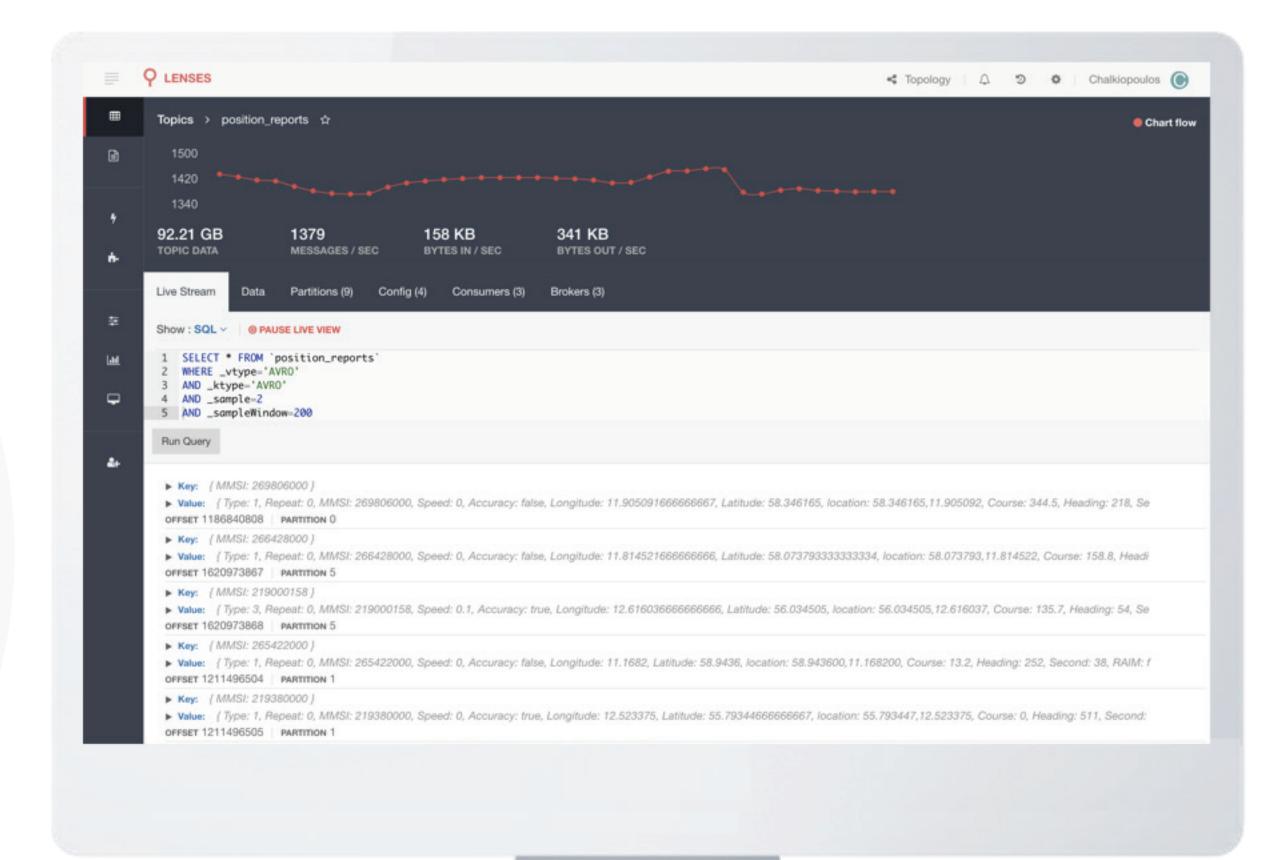
Self Service Data Operations

Performance & Monitoring

Lenses SQL for streams & ALL data formats

- ✓ Protected Browsing
- ✓ Scalable Processing
- Easy Ingesting





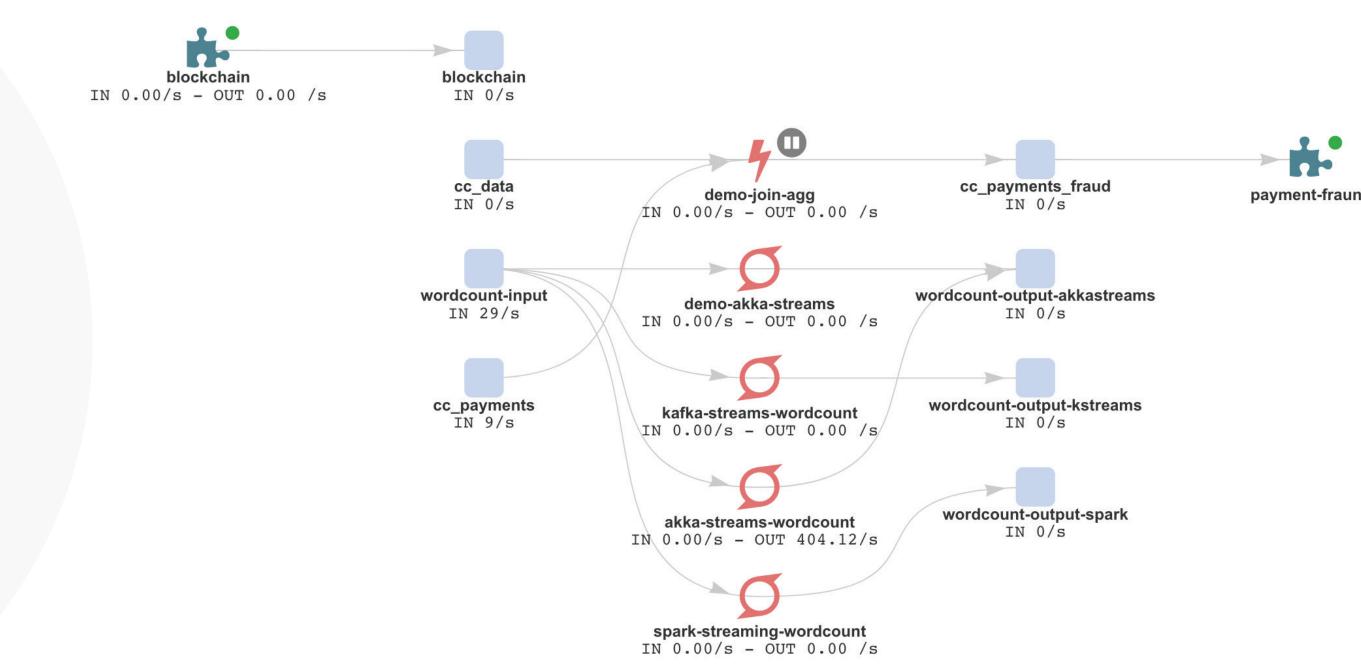
Self service, scalable & repeatable SQL queries for real time processing

- Continuously running queries
- ✓ Visual interactive SQL flows
- ✓ Scalable out-of-box
- ✓ Performance metrics

```
Processors (5) > join-example-fraud-detection ☆
 RUNNING Runners: 1 Uptime 19 hours created by: christina
   1 SET `autocreate`=true;
   2 SET `auto.offset.reset`='earliest';
   3 SET `commit.interval.ms`='120000';
   4 SET `compression.type`='snappy';
   6 INSERT INTO `cc_payments_fraud`
     WITH tableCards AS (
       SELECT *
       FROM `cc_data`
       WHERE _ktype='STRING' AND _vtype='AVRO' )
  12 SELECT STREAM
       p.currency,
       sum(p.amount) as total,
       count(*) usage
  16 FROM `cc_payments` AS p LEFT JOIN tableCards AS c ON p._key = c._key
  17 WHERE p._ktype='STRING' AND p._vtype='AVRO' and c.blocked is true
  18 GROUP BY tumble(1,m), p.currency
                        Runners
Topology
             Monitor
Stream Topology
  click on the nodes for details
                 TOPIC
                                                           FILTER
                                      TABLE
                 cc data
                                      TOPIC
                                                          STREAM
                                    cc_payments
```

Manage & Monitor streaming Topologies

- ✓ Promotable Flows
- Custom Apps
- Kafka Processors & Connectors
- ✓ SLA Alerts



Operational Monitoring & Custom Alerting

- Infrastructure metrics
- Consumer lags & replay messages
- Custom Alerts



Protection policies by default

- ✓ Field level redaction policies
- Immutable Audit logs
- Role based access
- Multi-tenancy (white/black listing)
- SSO, LDAP / AD, Kerberos

2 SELECT * FROM `cc_payments`
3 LIMIT 100

Run Query

Results (100)

Recent Queries (2)

1 STATS Fetched: 100

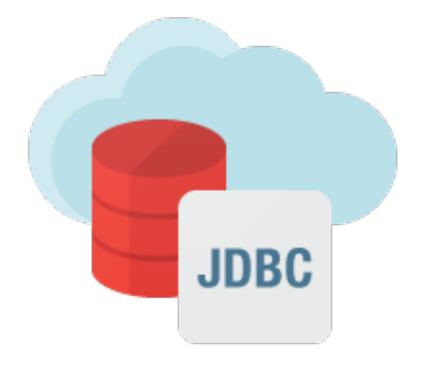
	Key	value.creditCardId	value.amo
	VDM4MTg3NjMzMw==	*********6333	104.31
_	c10DMxMTYxMg==	********1612	2872.17
=	c10DMxMTYxMg==	********1612	1094.71
<u>+</u>	JDU0NjA2NTYxMA==	********5610	2242.37
	c10DMxMTYxMg==	********1612	3264
	TY0Nzk5NDQ5Mg==	********4492	3020.81
	MzQ5NDM0NzUzMg==	********7532	2433.32
	1jI0MTExMTUzOA==	*********1538	3120.78
	\jkxNzYwMDAwMg==	*********0002	4733.69
	c10DMxMTYxMg==	********1612	778.61
)M2MjI1MjM5NA==	********2394	69.27
	VIDM4MTg3NjMzMw==	*********6333	4291.92
	170 1175 1111011		0.500.50

A rich ecosystem

- APIs
- ✓ CL
- ✓ JDBC Driver
- JS / Redux
- Python / Jupyter











Thank you!

https://lenses.io

