



# Speed up Mission-Critical Analytics in the Cloud

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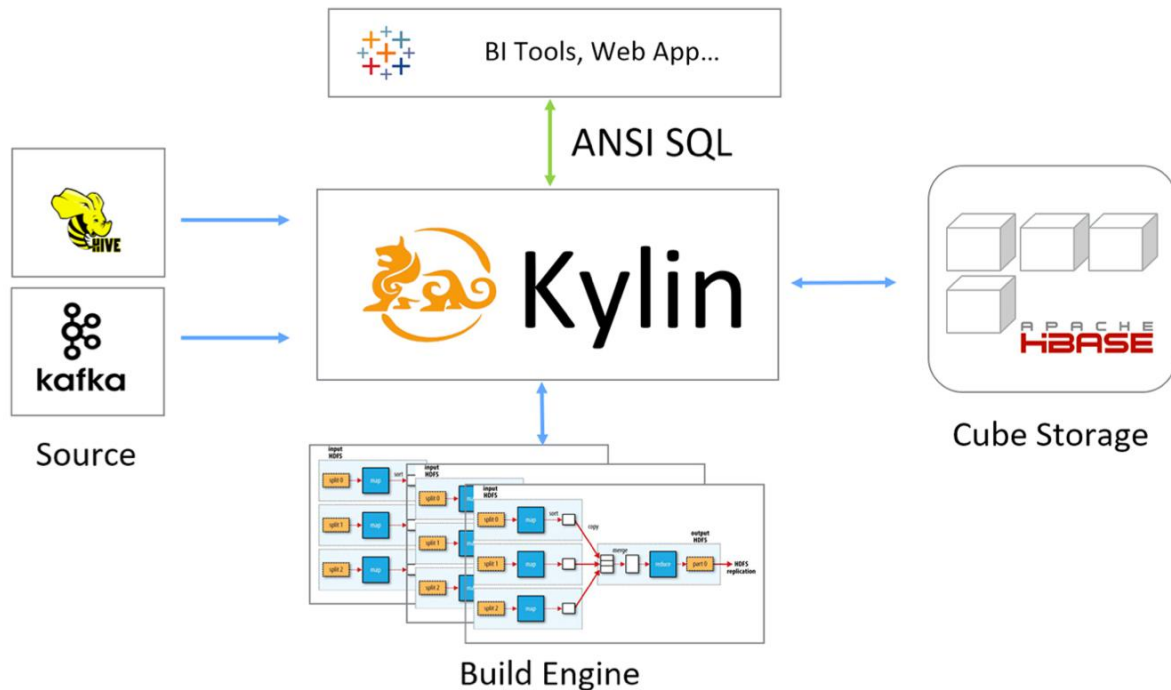
# About Us

Kyligence = **Kylin** + **Intelligence**

- **Formed by the creators of Apache Kylin**
  - Kylin: Leading open source OLAP for Big Data
- **Vision**
  - Unleash big data productivity
- **Offering**
  - **Enterprise** Kylin and Managed Analytics Service on **Cloud**
- **Funding**
  - Redpoint Ventures, Cisco, CBC Capital and Shunwei Capital
- **Team**
  - Shanghai & Silicon Valley

# Apache Kylin: Bring Interactive BI to big data

High Performance and High Concurrency OLAP engine



## • Innovation on data structure

- Well-designed cube supports sub-seconds query speed on PB/TB dataset
- Encoding/Compression/Columnar

## • Lightweight and Scalable Architecture

- Distributed Computing by MR/Spark on YARN
- Storage and Parallel Query on HBase
- Native on Hadoop

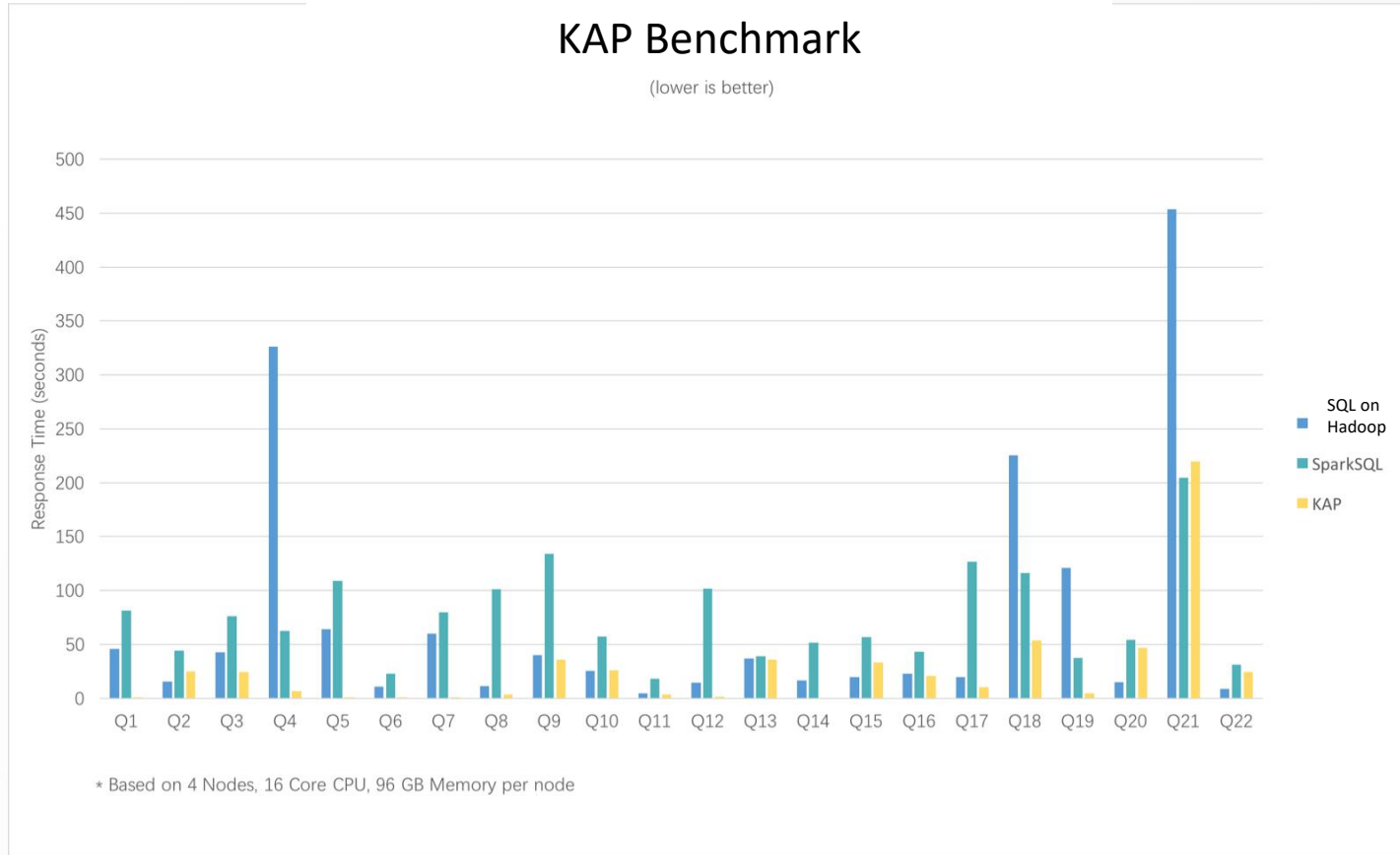
## • ANSI-SQL

- JDBC/ODBC/REST API

## • Batch & Streaming

- Support Batch and Streaming OLAP in one platform

# Extremely Fast Query



# Kyligence Enterprise

Automation, Intelligence and Productivity

BI  
Visualization



OLAP  
Data Mart

**Kyligence Analytics Platform**  
powered by Apache Kylin

Big Data  
Platform

HDFS YARN MapReduce Spark Spark SQL Kafka ...

Source  
Data



## • High Performance

- Sub-seconds query speed on massive dataset

## • High Concurrency

- Web-scale OLAP query

## • Rich Ecosystem

- Tableau, PowerBI, MSTR, Qlik
- Cloudera, Hortonworks, MapR

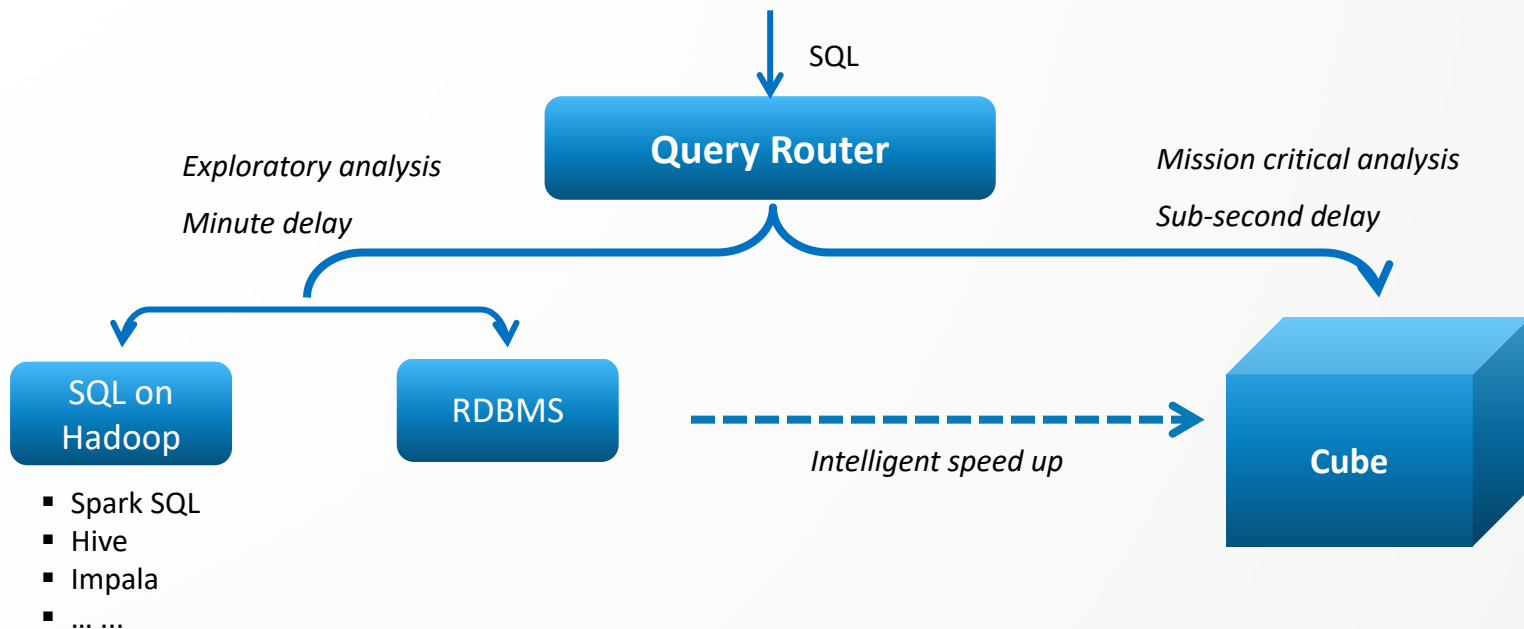
## • Data Sources

- Hive/SparkSQL/Kafka
- Cognos/Teradata/Oracle/Vertica/GP

## • Automate Everything

- Auto Cube design based on query pattern intelligently

# Hybrid OLAP: Converge SQL on Hadoop and Cube



# Featured Customers

Trusted by Fortune 500

*1000+ open source  
adoptions*

**SAIC Motor**

#41 of Fortune 500

**Lenovo**

#226 of Fortune 500

**Lufax Wealth Mgmt**

#1 Fintech in China

**China Mobile**

#47 of Fortune 500

**China Pacific  
Insurance**

#252 of Fortune 500

**Huatai Securities**

#3 Securities in China

**Huawei**

#83 of Fortune 500

**OPPO**

#4 Smart Phone Global

**GUOTAI JUNAN Securities**

#2 Securities in China

# Success with Partners

BI



OLAP/Data Mart



Hadoop



Cloud

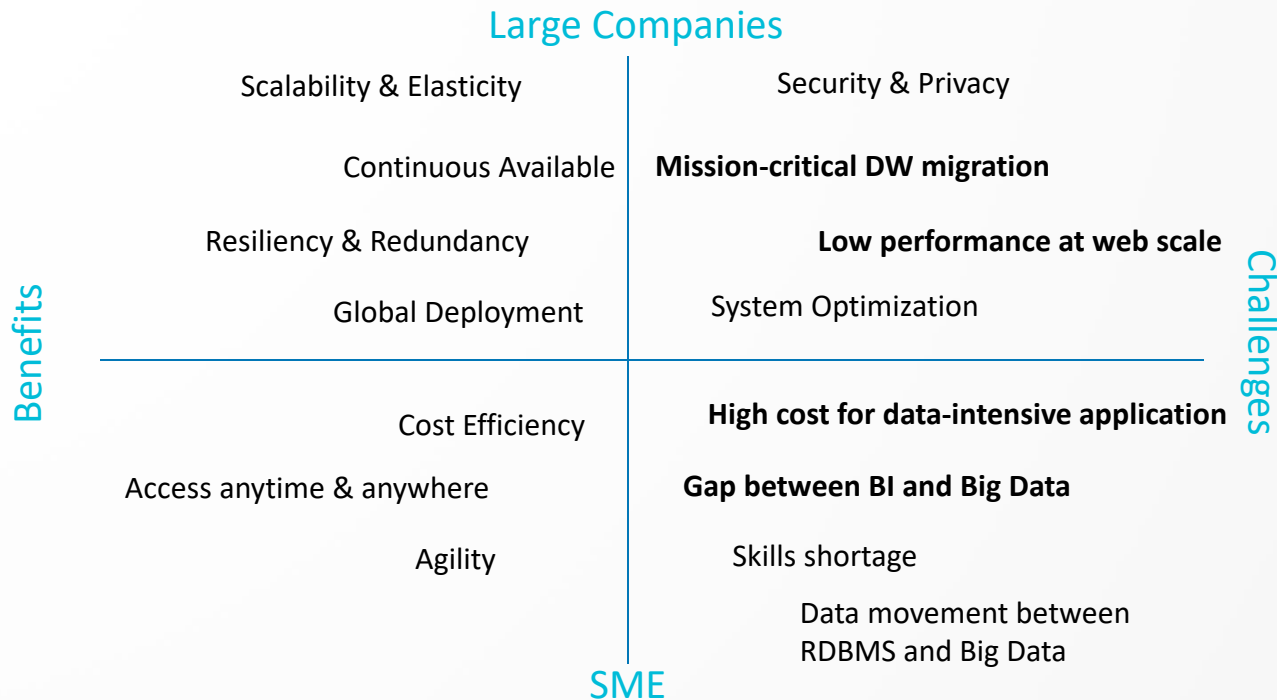






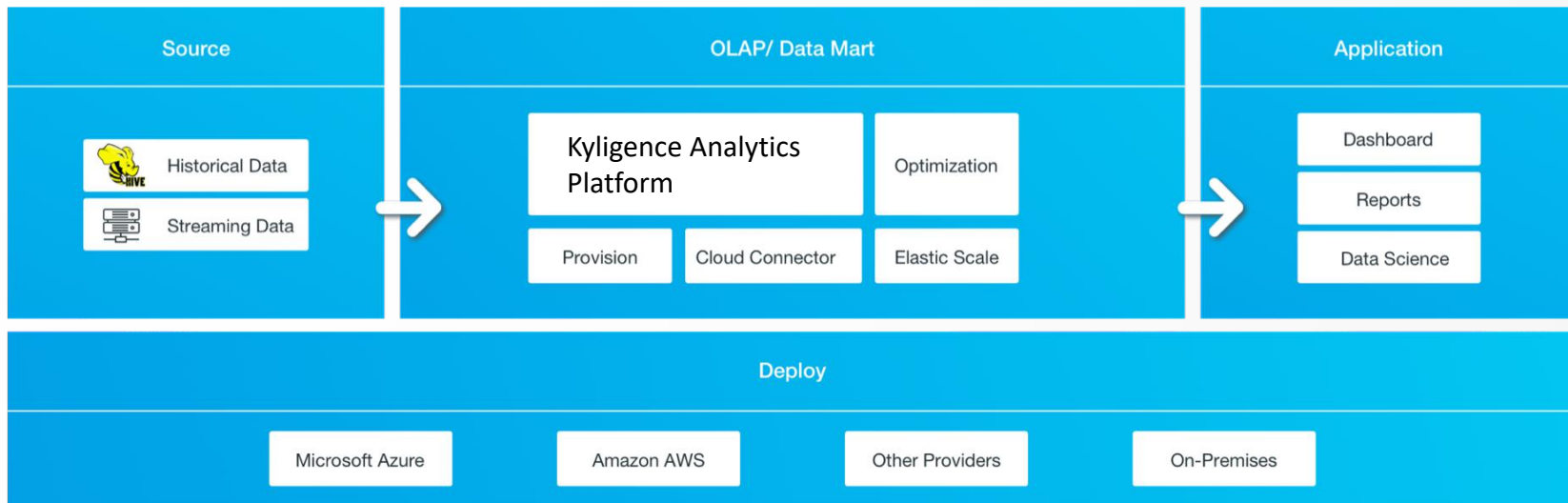
# How Big Data Meets Cloud?

# Benefits and Challenges for Analytics in the Cloud



# Kyligence Cloud Solution

Transform big data analytics to cloud smoothly



- **One Click Provision**

- Brings users fully deployed KAP and Hadoop stack in minutes

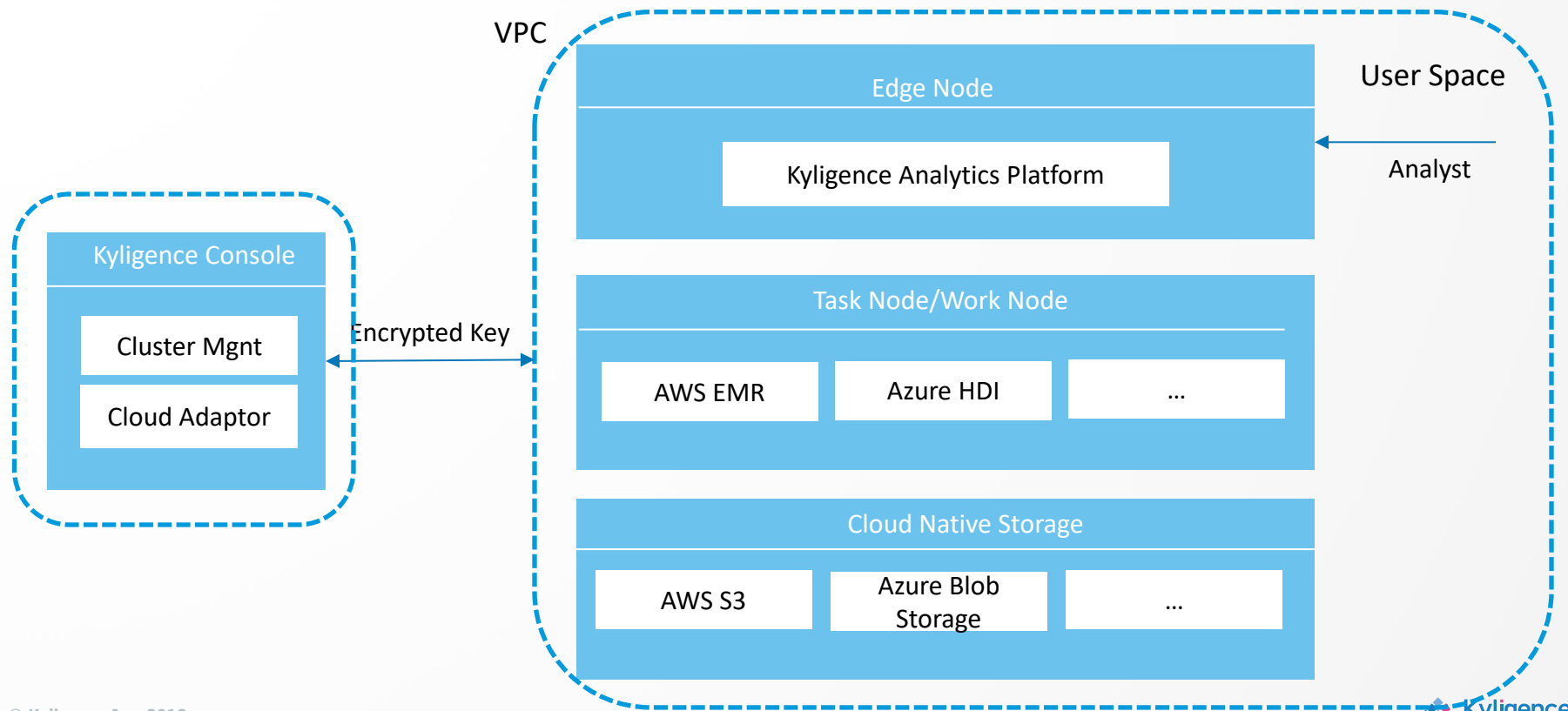
- **Dynamic Resizing**

- Enables users to extend or shrink computing resource dynamically for on-demand workload

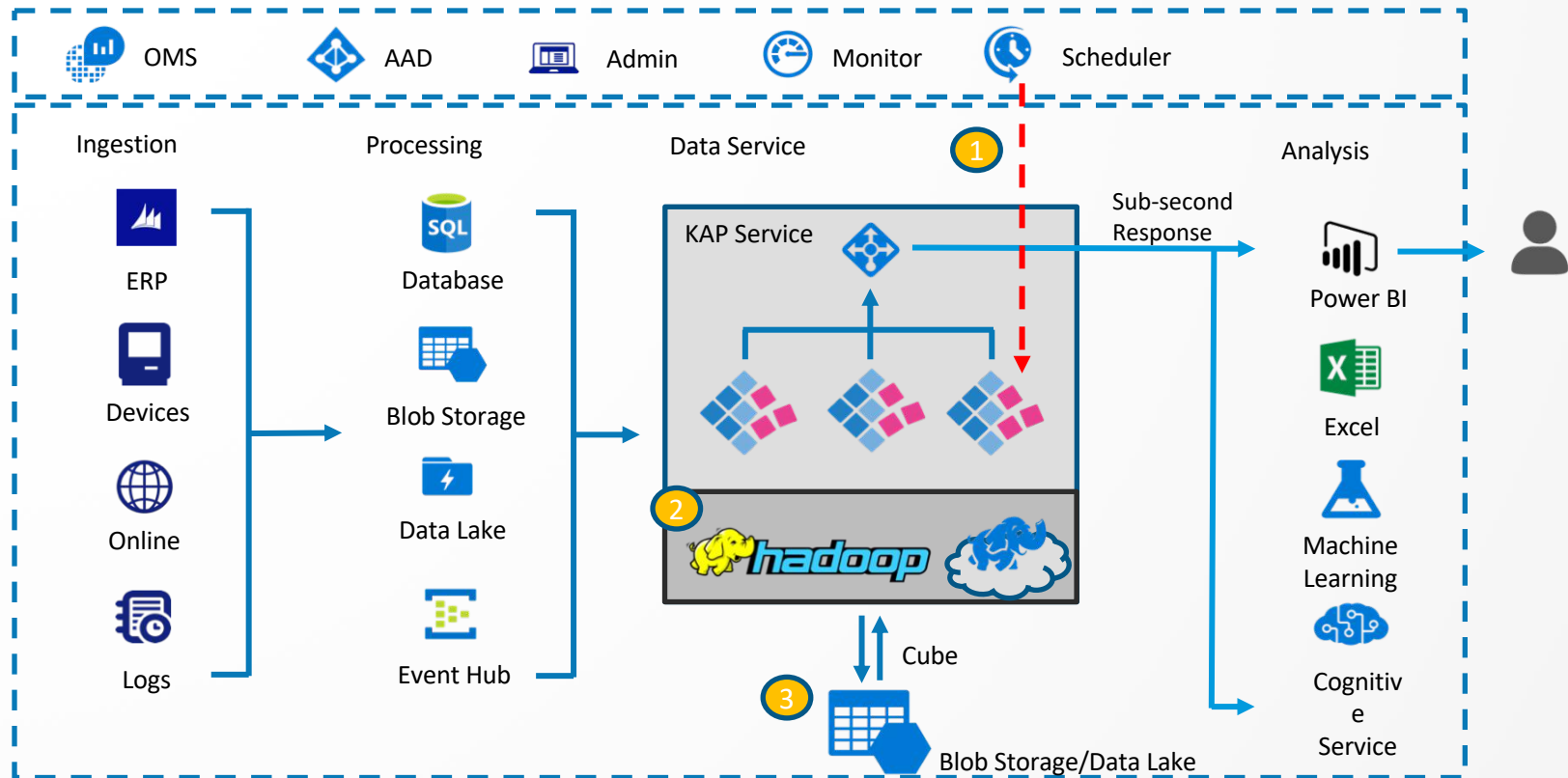
- **Native on Cloud Managed Hadoop**

- Integrates deeply with cloud native data source, storage, and services on cloud managed Hadoop

# Managed services into your space

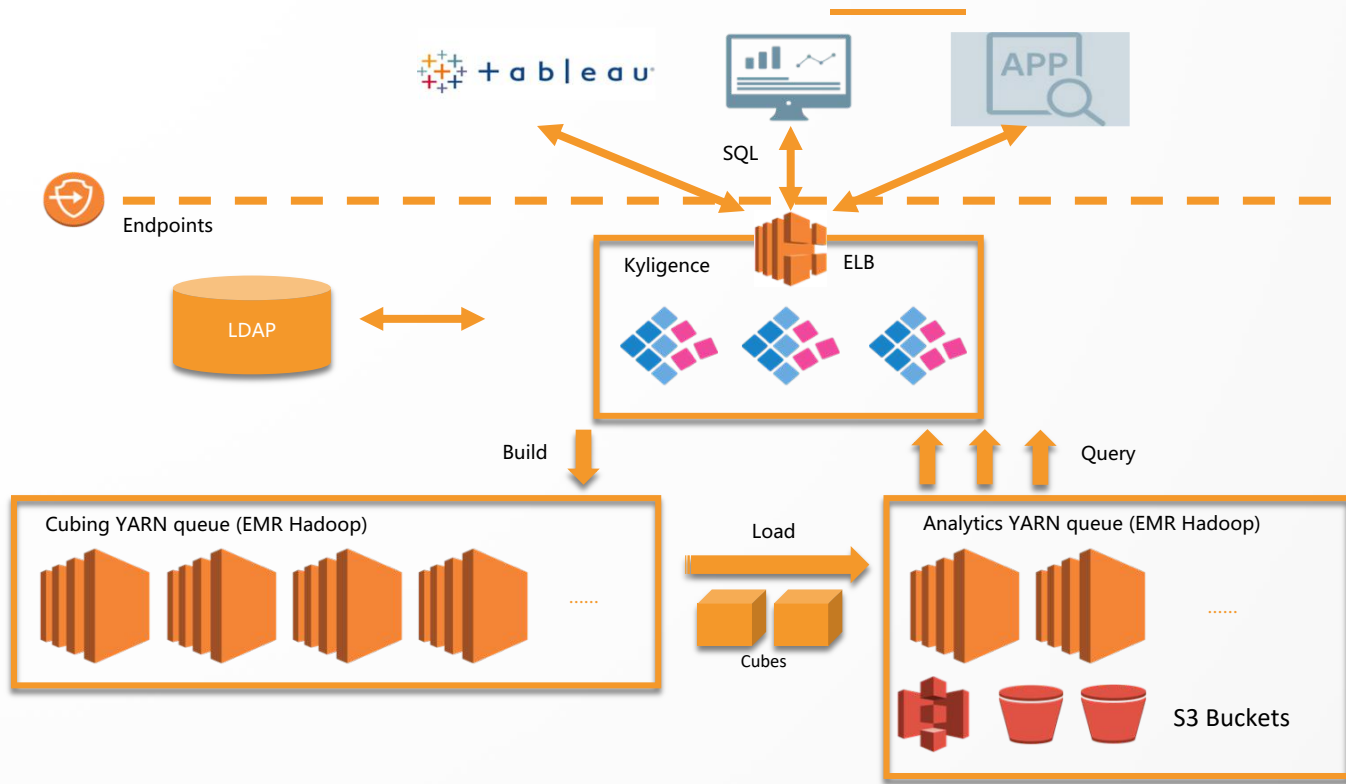


# Integration with Azure



# Cost-Effective for Analytics Workload

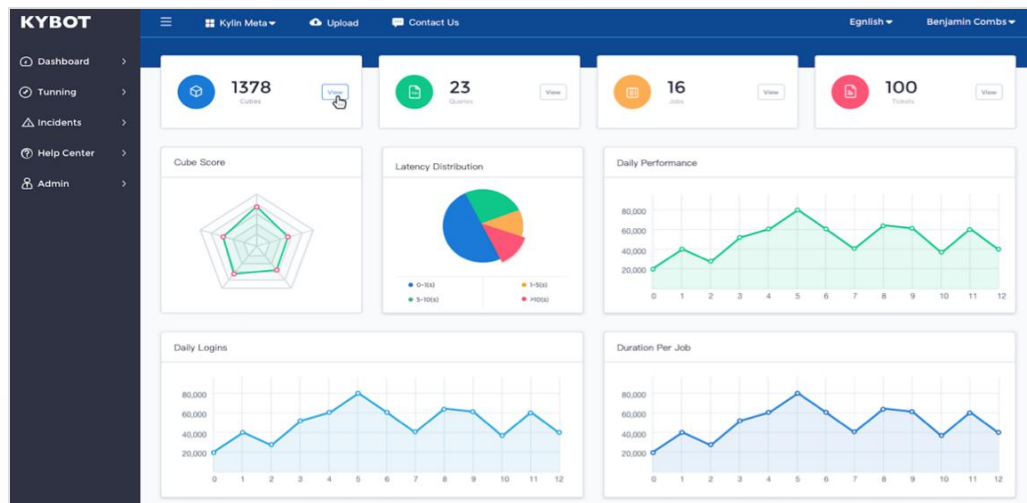
Allocate resource as demand (AWS as example)



- **Cost effective by separating YARN workload**
  - High-throughput, temporary resource for cubing job
  - Stable, long-live resource for analytics services
  - Allocate resource as demand
- **Enable multiple regions deployment for near access\***

# Built-in DevOps tools

Automate diagnostic and optimization services for Kylogence Services



## • Dashboard

- Quick insight of Kylogence instance

## • Diagnostics

- Figures out system's bottleneck, issue and exceptions

## • Optimization

- Bring suggestion to turn system to be best

## • Knowledge Base

- Rich knowledge base from daily support tasks



# Benefits with Kyligence Cloud

Speed up Mission-Critical Analytics in the Cloud

- Accelerate big data project go to market from months to days
- Migrate the offline OLAP to be scalable and flexible cloud solution
- Empower Big Data as services globally
- High Performance, High Concurrency, High Productivity
- Seamless Integration with your existing Cloud and BI
- Lower TCO

# Demos

# Contact Us

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