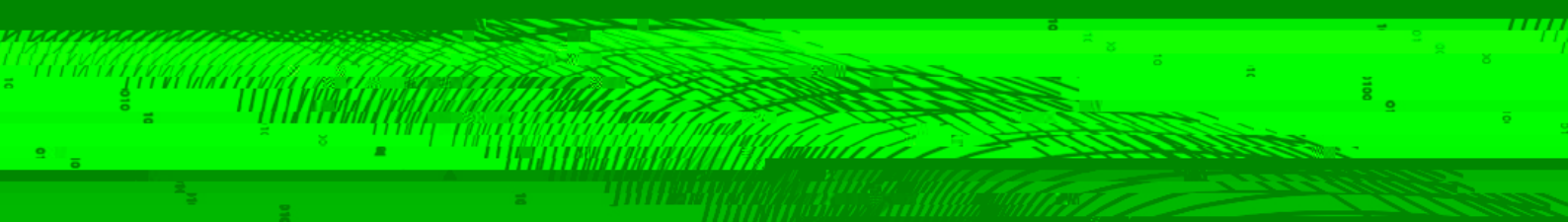
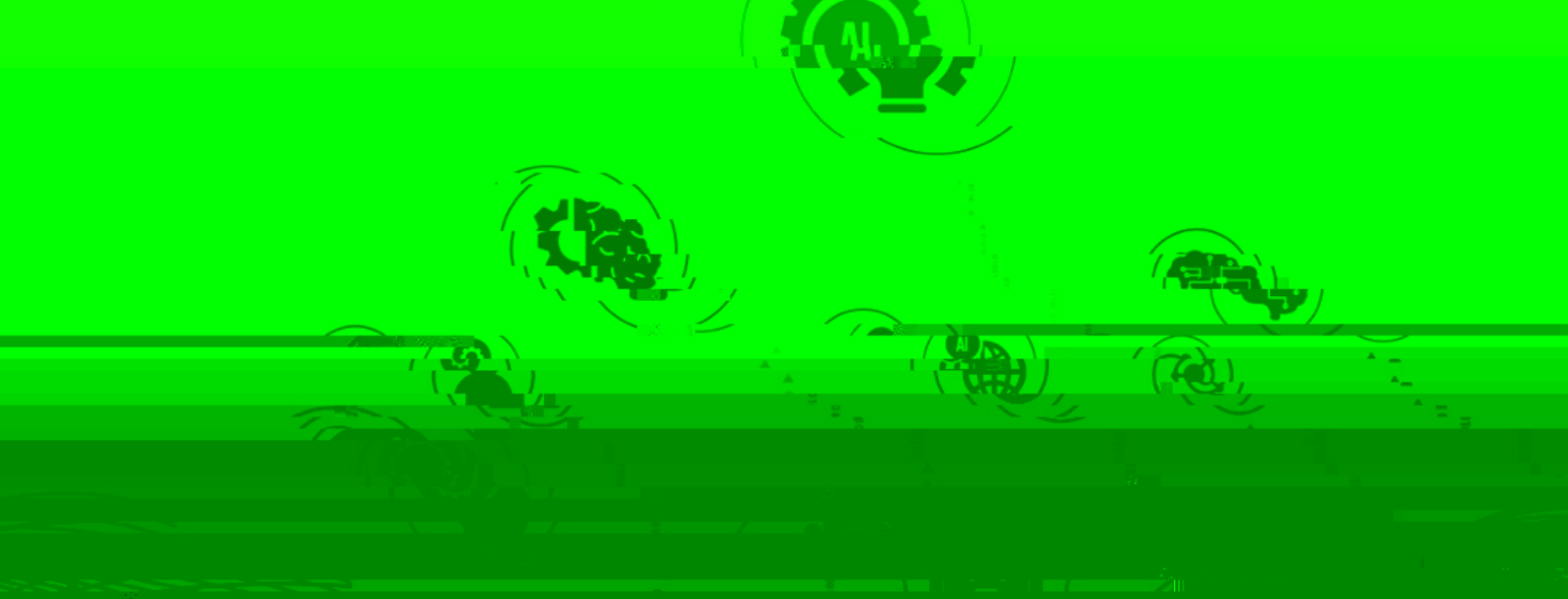


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The diagram illustrates a Data Lake architecture, organized into four main layers:

- DaaS 数据服务层 (Data as a Service Layer):** This layer provides various data services and management functions.
 - 数据服务 (Data Service):** Includes data collection, data catalog management, data service management, shared service monitoring, and shared Token management.
 - 数据服务 (Data Service):** Includes service invocation trend charts, service invocation status statistics, service invocation log monitoring, and dynamic generation of API interface documents.
 - 数据分析 (Data Analysis):** Includes log analysis, data and AI arrangement, recommendation engine (ML/AI), and data query.
 - 智能监控运维 (Intelligent Monitoring and Maintenance):** A dedicated module for monitoring and maintenance.
- 数据虚拟化层 (Data Virtualization Layer):** This layer handles data virtualization, including data integration, data exchange, data federation, and data development.
 - 数据集成 (Data Integration):** Includes data source, data collection, and data management.
 - 数据交换 (Data Exchange):** Includes data exchange, data management, and data development.
 - 数据联邦 (Data Federation):** Includes data federation, data management, and data development.
 - 数据开发 (Data Development):** Includes data development, data management, and data development.
- 数据安全层 (Data Security Layer):** This layer focuses on data security, including data security, data management, and data development.
 - 数据安全 (Data Security):** Includes data security, data management, and data development.
 - 数据安全 (Data Security):** Includes data security, data management, and data development.
 - 数据安全 (Data Security):** Includes data security, data management, and data development.
- PaaS 平台服务层 (PaaS Platform Service Layer):** This layer provides platform services, including data federation, data management, and data development.
 - 数据联邦 (Data Federation):** Includes data federation, data management, and data development.
 - 数据联邦 (Data Federation):** Includes data federation, data management, and data development.
 - 数据联邦 (Data Federation):** Includes data federation, data management, and data development.

The diagram also shows various data sources and processing components, such as Kafka, ElasticSearch, Spark, Hive, Zookeeper, HDFS, Yarn, and ClickHouse, which are integrated into the overall architecture.

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AI-R-SDLayer v1.0

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