

A solution for Enterprise Data Lake Scenarios with a focus on deploying a working system quickly while providing scalability and ease of maintenance.



Powered by **plan concepts**



Built on Azure PaaS

Sidra Data Platform is a data lake platform built on Azure PaaS. It is an enterprise data lake solution focused on deploying a working system quickly, facilitating scalability throughout the lifecycle of the platform and simplifying every action related to maintenance.

Customizable

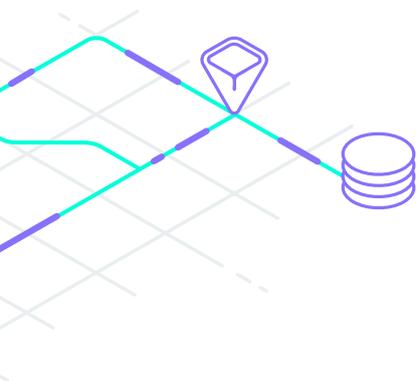
Sidra is an automated and customizable platform with the capability to process large amounts of data regardless of its source. It offers, among other features, the possibility of storing data in multiple regions in a transparent way, an integrated data catalogue service, data lineage control, consolidated view of logs and audit, as well as a comprehensive set of associated services and extensibility APIs.

AI and Data Governance

Sidra provides the common foundation, shared services and governance of the data on which organizations build their specific use cases; from analytical applications based on SQL Server and Power BI, to scenarios of exploratory analysis and generation of machine learning models using Databricks and MLFlow.

Competitive advantages

- Full deployment in a matter of days
- Automation of data source configuration gets you from zero to data lake in hours
- Modular and adaptable to each scenario (real-time, ML model serving, web interface...)
- The Data Catalog and governance capabilities can help address the data protection regulations challenges



Deploy your
data lake

<24 h



in less than
24 hours

You will **no longer need months of development** to have all the relevant data and information of your company ready.

Key Features



Knowledge Store

Multimodal storage supporting all types of data sources: from databases and APIs to documents and media files.



Security and Identity

Identity management via Identity Server, allowing secured access to the platform to users with different authentication providers (Azure Active Directory, Google Accounts...).



Integration and Extensibility

APIs for the integration of third-party tools in areas such as Data Catalog or Data Retrieval, as well as Python SDK for Data Scientists.



Data Governance

Complete Data Catalog with web UI and API access, as well as data lineage audit and traceability.



ML Model Serving Platform

Enable your Data Science teams to build, test and deploy secure models, while track of both code and training data for audit and explainability purposes.



Data Load ML Models

Pre-packaged models that tackle the most common challenges during the data load process, such as corruption or anomalies in the data set, as well as automatic detection of PII sensitive data.



Data Load Automation

Automation of ETL/ELT process through automatic generation of pipelines for loading, movement and data processing.



Batch and Real-time

Support for both batch and real-time data loads, enabling operational data lake scenarios.

Companies from a variety of industries already trust Sidra to help them manage their data and cater to their business needs.



Get to know the fastest and most effective solution to build a Data Lake in Azure.

Email us at sidra@plainconcepts.com or visit <https://sidra.dev>

