



ADVANCING ANALYTICS



Hydr8 Simplifying Data Lakehouse Automation

Meet **Hydr8**, our innovative **Data Lakehouse Accelerator** that can help you expedite the development of your **Data Lakehouse** platform. **Hydr8** includes an array of patterns, accelerators, and pre-built code designed to provide you with the necessary resources for a quick and efficient implementation. With a foundation of robust processes and approaches based on in-depth research and customer deployments, **Hydr8** can guide you to your desired outcome.

Hydr8 accelerates your development process, allowing you to consume data from source to curated data within hours. With **Hydr8**, you can save more than three months of upfront development time. **Hydr8** simplifies your data on-boarding process, automating schema inference, data validation, data cleansing, data optimization, data lineage, and much more.

Hydr8 has been developed over thousands of development hours across a range of verticals and domains. It has already been successfully deployed at more than twenty-five customer sites worldwide.

“The Hydr8 framework allowed us to build a Modern Data Analytics Platform from a solid, tried-and-tested foundation, and then tailor it for our environment. This cut many months from the implementation phase of the project and ultimately set us up for success.”

Sam Partridge
Senior Database Administrator at WPA





DATA LAKEHOUSE IN A BOX

Creating a well-designed Data Lakehouse can be a challenging task, as it involves numerous technical decisions and considerations. However, with Hydr8 you can have a best-in-breed Data Lakehouse based on our industry-leading design. Our solution is deployable within 48 hours and can help you save well over three months of development time.

Hydr8 is based on thousands of development hours and research and is in production at over 25 customers world-wide

RAPID DATA INGESTION

The process of getting data into the platform is time-critical, and Hydr8 is designed to expedite this task. Our metadata-driven processes enable swift onboarding of new datasets without the need for prolonged deployment procedures.

Hydr8 uses the latest features of Azure, Spark and Databricks to rapidly and securely populate your Data Lakehouse

BUILT FOR DATA & AI

Data science and data engineering are frequently regarded as distinct platforms, each with its own architecture. In Hydr8, we've created a solution that can address the needs of both machine learning and traditional analytics, bringing together these two worlds in a single, unified platform.

Join our customers and accelerate your Data Lakehouse



SECURE BY DESIGN

Hydr8 has been developed in collaboration with various financial services clients, ensuring that the highest standard of security is incorporated throughout its architecture. Our approach involves beginning with the most secure architecture possible, which allows us to strike the right balance for your data needs.

Our approach takes the most secure architecture possible then works with your internal teams to strike the right balance of security, flexibility and cost.

CLOUD-FIRST

We recognise that customers require a platform that can expand alongside their evolving needs. For this reason, we constructed Hydr8 on Apache Spark & Databricks, a technology that is renowned for its scalability and cross-cloud compatibility. Additionally, Hydr8 is compatible with all major cloud providers, allowing for greater flexibility and versatility.

At Advancing Analytics, we understand that many customers embrace a multi-cloud strategy. Therefore, we developed Hydr8 initially for Microsoft Azure, taking advantage of the most advanced tools on the market. However, we've since enhanced the solution to support both GCP and AWS, providing our customers with greater flexibility and enabling them to leverage the cloud provider of their choice.