

Azure Data Lake

Ensure your Data Strategy is in sync with your business objectives and market trends



Service Overview

Telefónica Tech provide all setup, configuration and management of Microsoft components to design and develop secure, enterprise scale Data Lake and Analytics solutions across the full spectrum of Data Platform and AI capabilities. Includes the use of Microsoft Fabric, Azure Synapse, Spark, Databricks, Lakehouse, Data Lakes, Purview and Power BI.

Telefónica Tech provides a comprehensive Azure Data Lake services offering, enabling both IT and business units to ingest data from diverse sources into a controlled, governed, and centralised data lake owned by the customer. Data is ingested, organised, secured, refreshed, and made available to support proactive innovation and business decision-making.

Our modern Managed Service is designed for the cloud and delivers all essential elements required for the operation and management of Azure environments and Data Lake Ingestion Service. Bottlenecks requiring custom development, scripting, and manual job scheduling are eliminated through our Data Ingestion framework as a service, ensuring scalable and efficient ingestion.

We offer full SaaS offerings such as the Data Lake Ingestion service, which are one-click provisioned, simply managed via a web front-end, and backed by Telefónica Tech managed service. The Rapid Azure Landing Zone deployment enables organisations to establish a secure, resilient, and governed Azure foundation in days.

The competitive price of Azure storage supports a "store first, think of questions to ask later" methodology, making it attractive for archiving scenarios where accessible data is required. Data can be ingested programmatically through C#, Powershell, streamed via Event Hubs and Azure Streaming Analytics, or uploaded to relational database tables through SSIS, all accessible via a single interface.

Our Data & AI Platform Accelerator combines the Azure Databricks Lakehouse platform with Databricks certified engineers and Partner Champions, supporting end-to-end Delta Lake compatibility. We provide step-by-step guidance to connect Azure Databricks to Data Lake Store.

Our automated, scalable service accelerates ingestion from diverse sources into your data lake, with governance and compliance frameworks ensuring secure and efficient data flows across environments.

Our offering includes the following features:

- Enable the analysis of data of any size.
- Bring together disparate data sources to a single platform
- Connect to on-premises and cloud data sources.
- Quickly deploy a cloud based platform (CI/CD, DevOps)
- Take advantage of Telefónica Tech's cloud platform frameworks
- Flexible engagement approach - quickly deliver a POC
- Scale resources on demand
- Unified lake architecture for Data Engineering and Data Science (AI)
- Secure by design (VNets, Private Endpoints, RBAC)

Our Deliverables:

- Empower users to discovery, analyse and visualise data
- Ingest vast amounts of data from disparate sources
- Make your data available to other processes and services
- Address complex reporting needs with visual dashboards
- Provide a data science platform for complex analysis
- Visualise reports and dashboards on mobile devices
- Measure performance against business and customer KPI's
- Secure by design

Why Telefónica Tech?

1. Our Propel method gets you from idea to working solution fast. This lets you unlock value quickly from your modernisation initiatives.
2. We have deep expertise across the full app stack with proven customised solutions that speed your modernisation.
3. We help you adopt change with less risk and disruption, using modular delivery that keeps compliance and quality high.

We focus on high-value apps and features that deliver clear business impact.

Additional Services to Elevate Your Business

Cloud Strategy

Scale cloud adoption for maximum business impact.

GreenOps

Measure and optimise your cloud carbon footprint, making your cloud operational sustainable.

FinOps

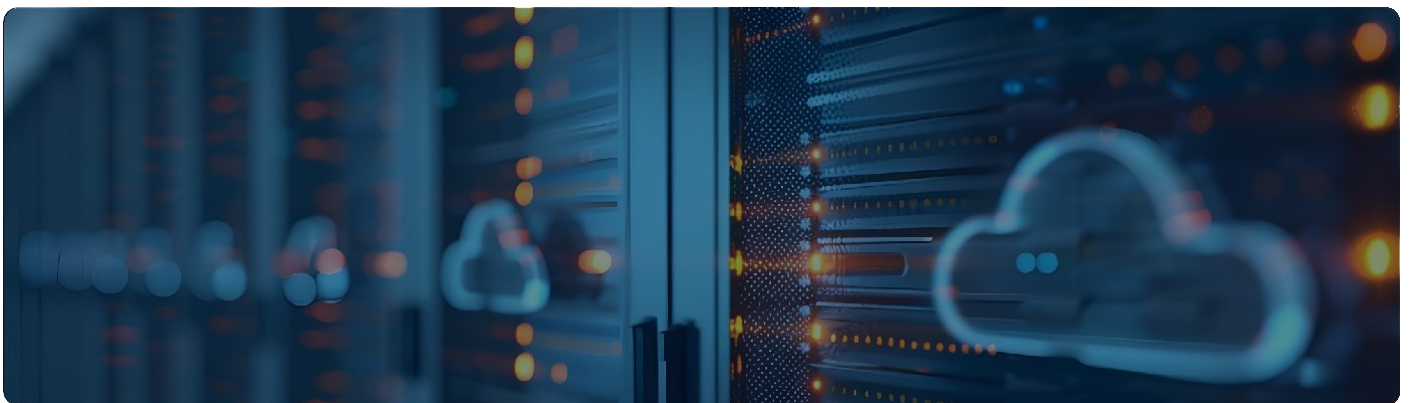
Optimise your cloud spending and boost financial accountability.

Multi-Cloud

Deliver workload freedom by deploying your workloads across multiple cloud providers seamlessly.

Cloud Managed Services

Expert management and support for your cloud environment.





Leading the Way in *Digital Transformation* for our Customers

Telefónica Tech unlocks the power of integrated technology, bringing together a unique combination of the best people, with the best tech and the best platforms, supported by a dynamic partner ecosystem to make a real difference to every business, every day.