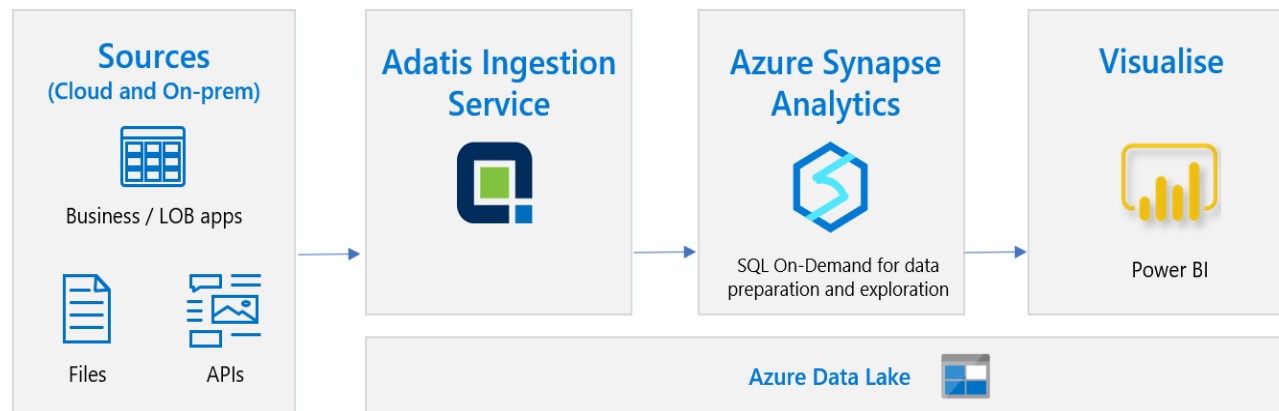# Adatis Rapid Data Analytics Deployment

Setting the scene

In today's environment, organisations — public and private alike — are pivoting as fast as they can to answer business challenges. For many organisations this means questioning, analysing, trialling and monitoring data effectively, at speed.

Organisations need a simplified analytics platform for tactical and strategic agility that enables them to break down data siloes across the organisation and uncover insight from their data.

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How can Adatis help

Adatis Rapid Data Analytics Deployment solution enables organisations to combine siloed data, into a single analytics service, to **uncover real-time, actionable data in weeks instead of months.**

Adatis Rapid Data Analytics Deployment solution enables organisations to:

- Deploy a secure Azure based platform

- Ingest data from multiple on-premise and cloud sources

- Explore and start querying data to uncover actionable insight

- Enable Data scientists to build Proof of Concepts and models

- Visualise data in clear reports in PowerBI which can be shared internally and externally

Example Scenarios include

- **Basic discovery and exploration** - Quickly reason about the data in various formats (Parquet, CSV, JSON) in your data lake, so you can plan how to extract insights from it.

- **Logical data warehouse** – Provide a relational abstraction on top of raw or disparate data without relocating and transforming data, allowing always up-to-date view of your data.

- **Data transformation** - Simple, scalable, and performant way to transform data in the lake so it can be fed to BI and other tools or loaded into a relational data store.

How can Adatis Rapid Data Analytics Deployment solution help your team?

- **Data Engineers** can explore the lake, transform and prepare data using this service, and simplify their data transformation pipelines. Bring in multiple data types from multiple sources, including streaming, transactional, and business data. Use a code-free visual environment to easily connect to data sources and ingest, transform, and place data in the data lake.

- **Data Scientists** can build a proof of concept in minutes and easily create or adjust end-to-end solutions. Provision resources as needed or simply query existing resources on demand across massive amounts of data. Work with the language of your choice—T-SQL, Python, Scala, .Net, and Spark SQL.

- **Data Analysts** can explore data created by Data Scientists or Data Engineers using familiar languages or their favourite tools.

- **BI Professionals** can securely access data and quickly create and consume reports on top of data

- **Data & IT Operations** workload won't need to increase with our Software-as-a-Service approach and the option to wrap with our purpose designed managed-service