



ORDINA SOLUTION

# Azure Modern Data Warehouse

Automation with Infrastructure as Code

# What is Azure Modern Data Warehouse

## Automation with Infrastructure as Code

A Modern Data Warehouse is a platform that brings together all your data from any source necessary and for any purpose necessary. It allows you to store your structured, unstructured and semi-structured data and it brings insights for operational reports, analytical dashboards and advanced analytics.

The automation of infrastructure management provides a fast and predictable approach for building your Modern Data Warehouse in Azure. Based on configuration management it provides a ready to deploy platform to meet your data needs.



# Why Infrastructure as Code?

Infrastructure as Code (IaC) gives you great control on how your environments are managed. Less prone to human error and a lot more flexibility using configuration settings.

Automation has become an invaluable solution when architecting, developing and implementing any kind of solution. It is a design concept that adds incremental value with any future project.

The modular components extend reusability to a broad variety of business requirements. They reduce time for the initial implementation and for upcoming change management during the entire life cycle of the environment.

# Added value of Infrastructure as Code

## Cost Reduction



Infrastructure as Code (IaC) is based on automated deployment. The time to bring changes to production is greatly reduced. Time that can be used for intelligent design instead of wasted in endless deployments.

## Stable Environments



An environment based on code is predictable and can be duplicated identically for testing purposes. Each change can be test-implemented to reduce deployment issues in your production environment and limit the number of required quick fixes to re-stabilize environments after changes.

## Time to Market



As the IaC dramatically speeds up the deployment pipeline, the unit testing, the readiness of additional environments; the life cycle towards production becomes a lot shorter.

# Data Ops

part of Ordina

## Data Management Consulting

The world of data is disrupting many companies, leading to the need of professionals that help in change management, business consulting, data strategy, use case development & priority setting, ...

### Data Ops

Building sustainable on-prem or cloud-based data platforms & pipelines



### Data Viz

Top notch dashboard designs enabling value with focus on actionable insights



### Data Science

Creating value for businesses through mathematics, statistics, machine learning and AI algorithms



### Enterprise Data Management

Privacy, security, lineage, ownership and governance of data. The foundation of being data-driven in a sustainable way

## Ordina Insights Academy

Every data professional needs the basics of all domains in order to Excel and maximize value for a customer in one of the specific domain

## Data Engineer Experts



Our Engineers are involved in a broad technology landscape. They focus on core concepts like data modeling, data wrangling, optimization techniques, design patterns and paradigms for data processing.

## Data Migration Solutions



Moving data from old systems and old structures to a new environment requires a proven approach and a thoughtful migration strategy.

## Cloud Architecture



As Architects we are involved in creating and setting up platforms useable for data validation, data analysis, data science, data exploration and data consumption regardless the platform. Envisioning the future these design are cloud first, focused on AWS and Azure.

## Data Ops



Data Ops applies to the entire data lifecycle from preparation over transformation and qualification to presentation and business insights. It incorporates the Agile methodology to reduce the time of analytics development in alignment with business requirements and focusses on continuous delivery and automated tests and deployments.

# Why ORDINA?

Listed below are the reasons why ORDINA is the partner for implementing the Modern Data Warehouse:

- We have years of experience in this area with proven approach.
- This approach is generically adapted and has advantages when privacy specific and sensitive data is used.
- We use the Europa ISO 27001 standards for any and all progress.
- Our High Performance Teams consist of highly trained professionals and experts in the field.
- We provide a platform not only based on our Infrastructure as Code solution but based on your requirements.
- We provide you with a correct planning and budget.
- Our infrastructure is ready to start implementing yours!

## More information or questions?

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