

Data Ocean Home Page

Introduction:

Welcome to the Data Ocean Confluence page!

This page serves as a central hub for all information related to the Data Ocean analytical solution.

The Data Ocean aims to provide a solid foundation that should enable Solvay and the business units to effectively utilize data, harness its full potential, and empower teams to driving insights and well-informed decision-making, supported on quality data.

Key Sections:

- [Data Ocean Vision](#)
 - This section positions Data Ocean as a transformative approach to data management, enabling the organization to leverage data for innovation, informed decision-making, and a competitive edge.
 - It's main drivers: Empowering data-driven culture, unified data ecosystem, scalable infrastructure.
 - Key elements: Data governance and security, advanced analytics and insights, democratization of data.
- [Data Ocean Overview and Benefits:](#)
 - Explore the high-level overview of the Data Ocean solution, its justification, advantages, and benefits for the organization.
 - Understand how it can capitalize data analytics and drive better business outcomes.
- [Reference Architecture:](#)
 - This section provides a bird's eye view of the Data Ocean solution.
 - Get insights into the reference architecture of the Data Ocean.
 - Understand the high-level block architecture diagram, the components involved, and their interactions.
- [Components and Functionality:](#)
 - The Data Ocean Reference Architecture is structured around a layered approach for efficient data processing across business units.
 - Data flows through distinct stages, starting with the Raw Data (Ingestion) Layer, progressing to Normalized Data (Staging), and then to Curated Data (Cleansed) Layer.
 - The architecture embraces Domain-Driven Design, with nine core business domains such as HR, Finance, and Marketing, each responsible for specific data functions.
 - Use-Case Oriented Layers build on curated data, providing specialized insights, while security measures ensure data integrity and controlled access.
- [Data Ocean Approach](#)
 - v1
 - Docs V1
 - Vx...
 - Docs...
- [Technical Implementation](#)
 - Learn about the platform-specific considerations when implementing the Data Ocean on GCP (Google Cloud Platform).
 - Explore storage management techniques, environment definitions, group and access security measures, and other relevant details.
 - groups and views (detalhe especificos), Terraform, MD5 hash, chave unica, system id, s
- [Documentation and Resources:](#)
 - Access technical documents, source/target mappings, data dictionaries, and other helpful resources related to the Data Ocean solution.
- [Contact and Support:](#)
 - Find contact information, report issues, and learn about available support channels for the Data Ocean.

We hope this page may provide valuable information and can serve as a comprehensive resource for understanding and utilizing the Data Ocean analytical solution.

Feel free to navigate through the different sections to explore specific topics of interest.