CloudHub

Introducing DataCube

Transforming Complex Data into Clear Business Solutions.

2023

Company Overview

Unlock Your Potential

In today's data-driven landscape, navigating your Cloud and Data Modernization journey with confidence and agility is crucial for success. CloudHub empowers your business to realize its full potential by providing expert guidance and support at every step of the way.

About CloudHub

Who We Are
A next-generation consulting organization, specializing in cloud integration, data modernization, AI, Generative AI (ChatGPT personalization), Machine Learning, Data Science, and Compliance Automation.

Vast Experience
- Over 10 years of extensive experience in Cloud Computing
- 15+ years in Data Analytics
- Deep industry domain expertise in sectors such as Healthcare, Life Sciences, Retail, Banking, Manufacturing, and Automotive

Our Difference
- Deep understanding of the business landscape, security, and compliance needs.
- Attractive cost model, offering the best value for your investment
- Top-notch technologists available at your fingertips, ready to tackle any challenge

Industry-Focused Approach
Comprehensive understanding of unique industry challenges and provision of Ready-to-Use solutions.

Strategic Partnerships
Established partnerships with leading Cloud Providers and Data Analytics providers, ensuring cutting-edge services

DataCube – Efficient Data Optimization

Unlock the full potential of your data with our DataCube Solution, a comprehensive framework designed to streamline your data engineering processes, reducing deployment timelines and costs.
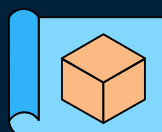
Key Features

Data Mesh and Data Fabric
Advanced capabilities that enable integration and interconnection of data across your organization.
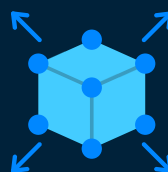
ML Model Selection
Identify and select the most appropriate machine learning model for your specific data.

Data Analytics
Analyze raw data to create meaningful insights for strategic decision-making.

ML Deployment
Deploy the selected machine learning models into production.

Feature Engineering
Transform raw data into features that can be used in the creation of predictive models.

MLOps
Streamline the deployment, monitoring, and management of machine learning models.

Data Enrichment
Augment your existing data with additional external or internal data sources to improve overall quality.

Web 3.0 Implementation
Integrate the latest web technologies to create a more intelligent and semantically connected web.

DataCube – Efficient Data Optimization

By adopting our DataCube Solution, your business will be empowered to manage and leverage its data more effectively and efficiently. This will lead to better strategic decisions, improved operational efficiencies, and ultimately, a stronger competitive edge in the marketplace.
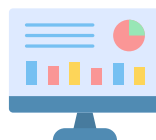
Benefits

Reduce Deployment Timeline by 30-40%
Speed up the time it takes to get your solutions up and running.

Save Cost by 60-70%
Significant cost savings due to optimized operations.

Robust Data Governance and Security Framework
Ensure the safety and security of your data throughout its lifecycle.

Technology and CSP Agnostic
Flexibility to work with any technology and Cloud Service Provider (CSP) through a UI-driven pipeline.

Automated Continuous Compliance
Automated monitoring and enforcement of compliance requirements.

Architecture

The Data Cube Architecture is designed to ensure optimal data sourcing, processing, and management. It includes essential components such as Data Sourcing Patterns, Data Ingestion, Data Processing, and Data Storage, which work together to manage data from its raw state through to its transformation into validated and enriched information.

For more information, watch our video about DataCube here.

The CloudHub Distinction

Embark on the Data-Driven Journey
Choosing DataCube isn't just about managing data; it's about harnessing its power. In a landscape where informed decisions dictate success, our solution is your competitive edge. Let's transform data from being a task to a strategic asset, together.

→

Data Optimization at Its Best

DataCube transforms abundant data into strategic assets, ensuring every byte drives purposeful action.

Beyond Conventional Data Management

More than a tool, DataCube is your strategic ally, turning vast datasets into actionable insights and setting you ahead in industry innovation.

Agility in a Dynamic World

With DataCube, you don't just adapt to change; you anticipate it, staying ahead of market shifts and data trends.

Our Offerings

Cloud Engineering

Helping you to reshape your cloud strategy to cloud migration to cloud optimization and reduce your Total Cost of Ownership (TCO) by 30-40%

- ✓ Cloud Migration
- ✓ Cloud Adoption and Well Architected Framework
- ✓ Application Modernization
- ✓ DevOps
- ✓ Cloud Security & Compliance
- ✓ Serverless
- ✓ Microservices

Data Engineering

Our CloudHub DataCube Framework helps you to transform and optimize your data engineering need and deliver in days than months

- ✓ Data Mesh and Data Fabric
- ✓ Data Analytics
- ✓ Feature Engineering
- ✓ Data Enrichment
- ✓ ML Model Selection
- ✓ ML Deployment
- ✓ MLOps
- ✓ Web 3.0 Implementation

Security & Compliance

Our CloudHub CompQ Framework helps you to improve your secuirty and compliance posture by 20-30%

- ✓ Cloud Security Framework
- ✓ CIS
- ✓ Cloud Compliance
- ✓ GxP: 21 CFR Part 11, Annex 11
- ✓ HIPAA
- ✓ GDPR
- ✓ PCI
- ✓ HITRUST
- ✓ SOC
- ✓ ISO
- ✓ Continuous Automation

AI Chat-Bots & Automation

Unlock the potential of intelligent automation with our suite of ChatBots & AI Automation services, designed to enhance efficiency, uplift customer service, and speed up your operational processes.

- ✓ Custom AI-Powered ChatBots
- ✓ Operational Process Automation
- ✓ Accelerated Response Times
- ✓ Improved Customer Service
- ✓ Instant, 24/7 Availability
- ✓ Real-time Customer Engagement
- ✓ Handling Complex Processes
- ✓ Streamlining Operations

Enterprise Search Engine

Our enterprise search engine connects your customers to the right content, to the right person at the right time reducing manual intensive and error prone word search.

- ✓ Accelerate research and development
- ✓ Minimize regulatory and compliance risks
- ✓ Increase employee productivity
- ✓ Improve customer interactions

Intelligent Document Processing

Using Artificial Intelligence (AI) to automate the document processing operation and provide the information to your systems is key to reducing manual efforts and speeding up internal processes.

- ✓ Natural Language Processing
- ✓ Data Mining
- ✓ Optical Character Recognition
- ✓ Analyze a document to extract specific terms
- ✓ Data Enrichment
- ✓ Machine Learning
- ✓ FAQ creation
- ✓ Improve customer care

About Us – Leadership Team

At CloudHub, we merge deep expertise in AI/ML, Data and Compliance Automation with proficiency in leading cloud platforms and tools. Our team, enriched by tech veterans from giants like Amazon and Microsoft, has crafted unique frameworks such as DataMesh, DataCube, SmartQ ensuring efficient digital transformation. With over 22 years in the field, our understanding of business and compliance nuances sets us apart. Let CloudHub be your guide in your digital transformation voyage.

Susant Mallick
Founder & CEO
Ex-Amazon

Dr. Archana Mallick
Co-Founder

Mykhailo Prokhorenko
Business Development
MSc Digital Business UvA

Güzide Yılmaz Öcel
IT Solutions
Architect

DELIVERY TEAM:

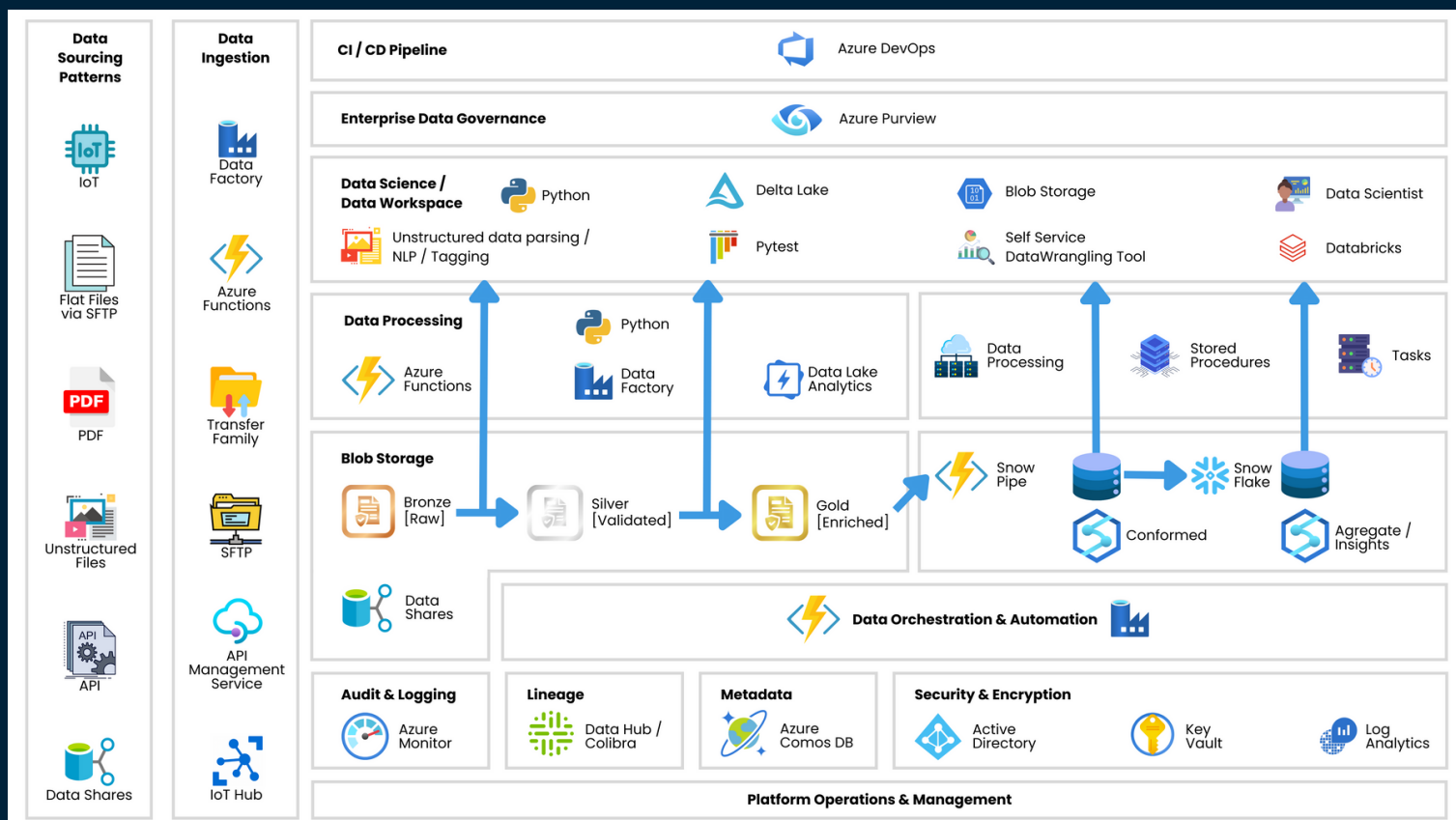**Nivedita Roy**
Analytics Lead

Archana Senapati
Data Lake SME

Ashima Panda
AWS Developer Lead

Architectures

DataCube – Architecture

The DataCube Architecture optimizes data operations by streamlining the deployment, management, and utilization of data, leading to significant cost savings, robust data governance, and automated continuous compliance. This holistic approach ultimately empowers businesses to make better strategic decisions, improve operational efficiencies, and gain a stronger competitive edge in the marketplace.

Ready to get started?

To learn more about our services and how we can assist you on your compliance modernization journey, please reach out to us.
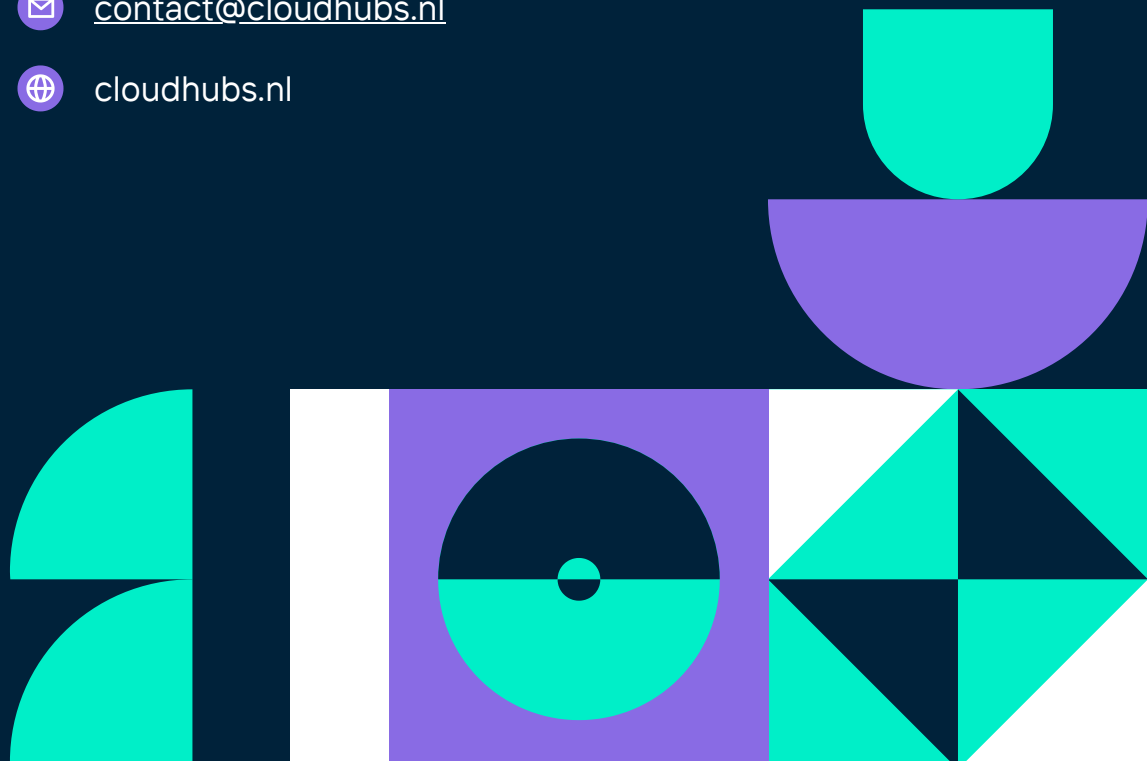
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Thank you!