Advanced Analytics on Big Data: Enabling data convergence by breaking down data & application silos and simplifying data lifecycle for insights-driven business transformation using the power of Azure Cloud and the Konfluence Data Platform

Your data, our help, your insights!

Define how different data silos can be related to one another and what the data from these silos means. We can help in combining all your data to get a full view of the insights that represent your company.

Objective:

We want to help you tell your story with your Data insights. With the Data representation in Dashboards, you can use the business intelligence in connecting more with your customers!

What do we do?

- Experience your data your way with the universal enterprise data hub that intelligently orchestrates your data on any given enterprise system across major industries.
- Enable enterprise users to get an aerial view of their data to tackle complex data-driven problems.
- Help embed the transformative power of AI and Data & Analytics across all business functions to achieve more with your data.
- Empower you to apply business science using business & informed intelligence to accelerate fruitful decision making.
- Prepare enterprises to face future opportunities driven by insights to innovate in unexpected directions and amplify outcomes.
- Support Organizations to understand complex patterns in data sets for better insights as compared to traditional enterprise reporting.

How do we do?

We have a Azure ready built platform which can be configured to each Organizations need. This platform is a Cloud-first integrated solution; which means all your enterprise needs can truly become a truly data-driven enterprise! It has been built ground up using the Azure Cloud and components. This cloud-based platform combines Azure's enterprise-grade centralized security, governance, and management capabilities, unites tools and team with universally accessible real-time customer data to fuel businesses with a strategic data-driven solution.

What do you get?

- A complete Azure Cloud based Data analytics platform
- Data ingestion engine capable of aggregating data from structured (files, applications like ERP, CRM), unstructured (logs, audio, video) and streaming data sources
- Complete Data warehouse & storage (Azure SQL Data Warehouse) coupled with Machine Learning and Analysis tools
- Business Intelligence services like Cognitive services, Bot framework, algorithms (logic to analyze your data)
- Dashboards and Visualizations on the Microsoft PowerBI platform

Microsoft Components Used:

Azure Data Factory
Azure Blob Storage / Data Lake Store
Spark on HDInsight / Azure Databricks
Azure Data factory

Cosmon DB / Azure SQL Data Warehouse
PowerBI

Benefits:

1. **Accelerate time to market:** Ensure productivity with industry-leading SQL Server and Apache Spark engines, as well as fully managed cloud services that allow you to provision your modern data warehouse in minutes. Accelerate data integration with more than 30 native data connectors from Azure Data Factory
2. **Reduce cost and complexity:** Only Microsoft lets you take consistent advantage of SQL Server performance, familiarity, and security, in a private cloud or as a managed service in MPP architecture in Azure. Reduce costs and the complexity of managing existing data transformations through the hybrid data integration experience.
3. **Get insights on any Data:** Take advantage of the flexibility to build and deploy machine learning models in the cloud. Easily distribute insights across your organization through rich integration with Power BI.
4. **Get peace of mind:** Azure services comply with more than 50 industry and geographical certifications, and are globally available across 42 regions to keep your data where your users are. Also, Azure Cloud's built-in advanced security features like Data Encryption, Audit, Threat Detection, AAD Integration ensure you get a peace of mind.