D2V CONSULTING SERVICES

Analytics Engineering Foundations

Outdated legacy platforms obstruct informed decision-making, and modernizing to a cloud-native platform can be daunting. Our team is here to guide you through this journey, and by knowing the key strategies to a successful migration in advance, will set you, your team, and your project up for success.

D2V Core Consulting Services

Our 3 core services are designed to simplify and accelerate your BI & Analytics journey.

Analytics Engineering Foundations

Leveraging best-in-class tools for orchestration and transformation, we develop automated analytics workflows that load your data sources into cloud data storage and transform – creating a single source of truth and ensuring performant and secure queries for all BI requirements.

Cloud Data Storage Configuration and Load

Configure data source connections and load data into cloud storage.

Design Considerations
Define technical requirements for data models to satisfy the business requirements outlined in selected use cases.

Connectors and Extraction
Explore the data connection capabilities to all data sources; implement pre-built connectors and develop custom pipelines where needed.

Cloud Data Storage Configuration
Initialize the cloud data storage with the appropriate staging zones, user roles, permissions and environments.

Operationalize and Train
Knowledge transfer for basic administration and warm handoff of operational duties to the internal team.

Data Transformation

Prep, Enrich, Integrate & Transform (PEIT) – with validated data sets, we develop analytics workflows to deliver the required data models.

Data Modeling
Organize the loaded data efficiently into data models to be used to satisfy the business requirements.

Data Cleansing & Filtering
Clean the data sources to ensure that they can be used for analytics and reporting. This can involve advanced cleaning techniques to close gaps or simple filtering of unnecessary data.

Data Enriching
Enrich data by engineering features used to create or augment existing metrics and dimensions.

Data Aggregation
Join tables to link information from different data sources and to build robust data models that avoid heavy lifting by a dashboard developer or business user.

BI Tool Configuration

Test and validate authentication, permissions, and customization of the BI tool.

Configuration and Permission Testing
Configure the BI tool to connect to the cloud data storage and ensure it accesses the data efficiently. Ensure that the correct permissions are provided to business users.

Data Structure and KPI Validation
Perform tests on the data structure and key metrics to ensure that the required analytics and reporting needs can be satisfied.