

# NUAGE ANALYTICS

## CONSULTING SERVICES Analytics Engineering Foundations

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*Modernizing to a cloud-native analytics platform requires a mix of business & technical expertise. Our team is here to guide you through this journey, and to set you and your team up for success as your analytics needs grow.*

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### Core Consulting Services

Designed to support your analytics journey, delivering ROI at each phase.



**Analytics  
Strategy  
Roadmap**



**Analytics  
Engineering  
Foundations**



**Visualization &  
Actionable  
Insights**

# Analytics Engineering Foundations

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Leveraging best-in-class cloud analytics technologies, we develop automated workflows that load your data sources into cloud data storage, then transform and enrich your data – creating a single source of truth and ensuring performant and secure queries for analytics use cases.

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## Cloud Data Storage Setup & Load

Setup of data source connections and loading of data into cloud storage.

### Data Storage Design

Define technical requirements from source data to satisfy the selected use cases' business requirements.

### Connection & Extraction

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

### Cloud Data Storage Setup

Initialize the cloud data storage environment with the appropriate objects, user roles, and permissions.

### Operationalize & Train

Knowledge transfer for basic administration of cloud data storage and warm handoff of operational duties pertaining to data collection and update 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 Cleaning & Filtering

Clean the data to make it suitable for analytics. This can involve advanced cleaning algorithms to close gaps or simple filtering of unnecessary data.

### Data Enriching

Enrich data by engineering features used to create new metrics and dimensions or augment existing ones.

### Data Aggregation

Join tables to link information from different data sources and to build robust data models, enabling business users to answer complex questions with ease.

## Visualization Tool Setup

Test and validate the authentication, permissions, customizations and metrics in the visualization tool.

### Setup & Permission Testing

Connect the visualization tool to the modelled data and ensure it accesses the data efficiently. Ensure that the correct permissions are provided to business users.

### Data Structure & Metric Validation

Test the data structure and key metrics to ensure that the required analytics and reporting needs are accurately satisfied.