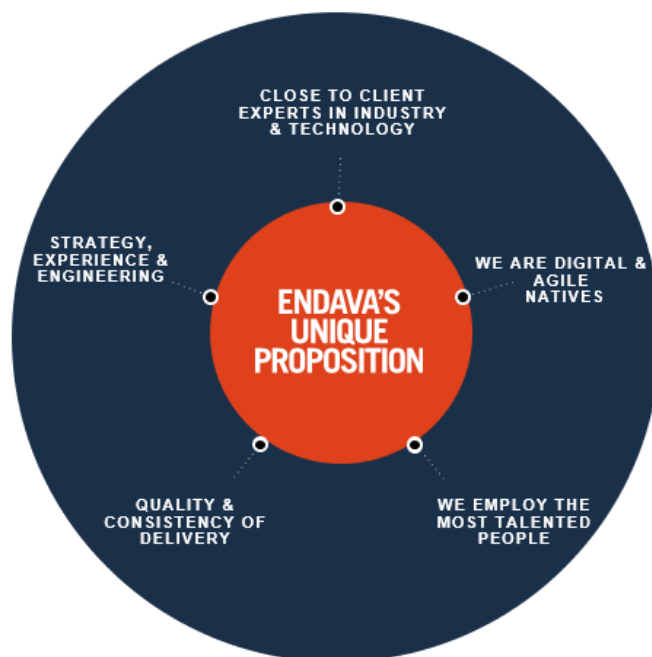# Data Discovery for Data Platform

Why Endava

We accelerate our clients' ability to take advantage of new business models and market opportunities. This is possible by ideating and delivering dynamic platforms and intelligent digital experiences that fuels the rapid, ongoing transformation of their businesses.

By leveraging next-generation technologies, our agile, multi-disciplinary teams provide a combination of Products & Technology Strategies, Intelligent Experiences and World Class Engineering to help our clients become more engaging, responsive and efficient.

Endava Makes Data a Strategic Asset

We know that Data is one of the most valuable assets that your company possesses. Extracting value from large volumes of structure and unstructured data and transforming it into a competitive advantage is an essential part of delivering high-value business change.

With expertise along the full lifecycle of data governance and operating model, Endava's Data specialists can assist your organization in identifying, defining, and embedding the collaborative data and analytics strategies, which will enhance both your productivity and profitability.

Starting with the Data Discovery advisory program, we can develop individual solution to enhance your data management platform, bring more value to business through visualization and analytics, or build strong predictive models with the support of our data scientists.

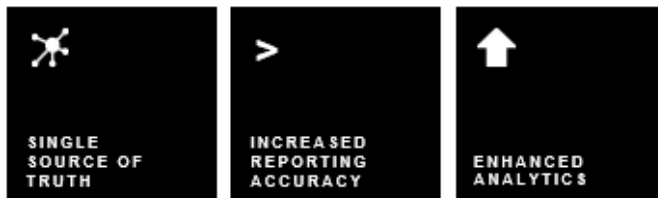| DATA DISCOVERY (ADVISORY)	DATA MANAGEMENT THROUGH ENGINEERING	VISUALIZATION & ANALYTICS	DATA SCIENCE
Data Health Check	Data platform	Reporting strategy	Data Classification
Data Architecture Assessment	Data Governance & MDD	Analytics platforms	Anomaly Detection
Data Strategy Development	Data Quality	Enterprise reporting	Digitisation/ NLP
Enterprise Data Architecture	Data Processing	Management Dashboards	Predictive Analytics
Data Maturity Model	Data Migration	Visualization Platforms	Recommendation engines

Case Studies

Having built numerous data platforms in different industries, along with our expertise in Microsoft Azure suite, offer us the ability to recommend the best technical and architectural approach depending on your business requirements and analytical expectation.

Here are just three success stories that began with our Data Discovery program.

Enhanced Position Analytics

Rework investment positions analytics data from Enterprise Cloud Data Warehouse to provide a single source of truth for enhanced analytics and reporting accuracy.

We built a new investment positions analytics data set to serve as the single version of truth for this data set moving forward. The new data set replaced disparate data calculations scattered across multiple systems and included an improved fund-of-fund look-through aggregation logic for superior reporting accuracy. We built the new investment positions data set in MS Azure Cloud using a Data Bricks, Data Lake storage and leveraging Snowflake Data Warehouse processing power for the final data mart. Solution included example dashboards in Power BI with example filtering and aggregation capabilities per various categories or sub-categories, periods, funds and portfolios.

SINGLE SOURCE OF TRUTH

INCREASED REPORTING ACCURACY

ENHANCED ANALYTICS

Architecture Assessment

Develop a robust architecture than unify reporting universe in a centralized place, perfect integrated with client's current microservices ecosystem.

We assisted the client on designing a centralized reporting architecture using Azure Data Factory and Azure SQL Server for ETL, and data warehousing. Azure Data Lake was the solution chosen to keep historical data and Power BI for their visualization and analytical platform.

This new solution helped them to greatly simplified the number of existing reports, bringing coherence to the actual existing information, and provided them with a new data platform easier to maintain and scale.

The solution allows the client to reach their customers in several ways, faster and simpler with accurate and timely information.

IMPROVED REPORTING CAPABILITIES

PROCESS IMPROVEMENTS

INGESTING DISPARATE DATA

Datawarehouse modernization

Migration of an old Data Warehouse solution hosted on on-prem SQL servers to a more modern and lower cost data platform.

We designed and implemented a cloud-based solution that responds to the modern challenges of ingesting a bigger volume of data from various sources faster and provides an accurate and reliable insight of the company's business processes.

We used Azure Data Factory to ingest data from various sources (like Azure SQL DB, Dynamics 365 Apps, Azure Blob Storage, Event Hubs), stored the data in Data Lake storage and prepared and trained it for analytics using Azure Databricks and Synapse Analytics. On top of this cloud architecture, we used Power BI for data analysis and visualization.

FASTER DATA PROCESSING

REDUCED OPEX

SCALABLE SOLUTION