DataArt

Modern Data Platform Development for Asset Management

Learn how DataArt can help you develop a modern data platform (MDP), a versatile solution for asset and investment management companies seeking to harness the power of financial, market, portfolio, risk, and other types of data more effectively.

Key Use Cases

Portfolio and Investment Analytics
- Asset Allocation
- Alternative Data for Alpha Generation
- Quantitative Analysis
- Benchmarking and Attribution Analytics

Risk Management
- Market and Credit Risk
- Operational Risk Analysis
- Predictive Models and Real-time Signals

Investor Relationship Management
- Personalized Communications and Sentiment Analysis
- Bespoke Product Offerings
- Fund Marketing, Client Segmentation

Regulatory and Investor Reporting
- Accurate and Automated Reporting
- Scenario Modelling and Stress Testing

ESG
- ESG Factors/Scores Calculations
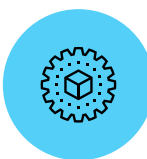- Sustainable Investing
- Impact Measurement

Asset Servicing
- Valuations & NAV Calculations
- Security Master/Reference Data & Corporate Actions Processes
- Portfolio Performance & Administration
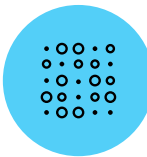- AI/GenAI-Driven Process Automation

Why Invest?

- Democratize data/self-service analytics
- Improve visibility of integrated data and flows, increase trust in data quality
- Get better data governance, privacy, and security
- Optimize cloud flexibility, scalability, and costs
- Simplify legacy systems with more modern, flexible technologies
- Enable innovation, advanced analytics, and AI/ML
- Unlock effective data sharing and collaboration
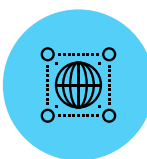
Common Types of Data Stores Used in MDPs

Data Warehouse
Optimized for complex data analytics, reporting, and business intelligence (BI) on mostly high-quality structured data.

Data Lakehouse
Primarily suited for advanced analytical tasks; AI/ML and data science enable deep insights from raw or processed data while supporting reporting/BI.

Data Mesh and Data Fabric
Aimed at connecting and integrating disparate data systems and platforms into a uniform enterprise data layer, enabling such capabilities as self-service analytics and data-as-a-product.

DataArt

DataArt delivers specialized data analytics and consulting services tailored to the asset management industry, empowering firms to harness actionable insights, enhance investment strategies, and surpass competitive benchmarks.

20+
Years of Working in Asset Management

250+
Successful Projects in the Industry

80+
Asset Management Clients Served

400+
Specialized Data Consultants and Engineers

Our Clients

Invesco   CARLYLE   CIFC Asset Management   GraceKennedy Financial Group   Apax   Coller Capital

Partnerships & Technologies

aws   Google Cloud Partner   Microsoft Solutions Partner   snowflake   databricks

Fivetran   ataccama   matillion   Alation   salesforce

Our Global Delivery Model

30+
Global Locations

USA
United Kingdom
UAE
Eastern Europe
Latin America
India

5,700+
Consultants and Engineers

Latvia
Ukraine
Kazakhstan
Poland
Germany
United Kingdom
USA
Mexico
Portugal
Georgia
Colombia
Spain
Armenia
UAE
India
Brazil
Romania
Cyprus
Switzerland
Argentina
Serbia
Bulgaria
Uruguay

DataArt

Our Proven Approach to Modern Data Platform Development

DataArt is committed to designing accessible data management solutions that deliver complete, accurate, and actionable data and analytics to decision-makers, enabling them to improve operational efficiency, enhance customer experiences, and capitalize on market opportunities.

1 **Data Mastery & Innovation**
Foster a culture of data-driven decision-making and data innovation by enabling comprehensive data collection, harmonization, actionable analytics and insights, AI, and ML.

2 **Tech-forward Data Platform**
Leverage cutting-edge technologies and innovative, flexible solutions to streamline data processes and unlock new opportunities.

3 **Agile Execution & Operations**
Prioritize agility and efficiency in project execution and ongoing data operations to rapidly respond to changes in business needs.

Comprehensive Experience

- ✓ Data and AI Strategies
- ✓ Data Platforms
- ✓ Data Management and Governance
- ✓ Data Engineering
- ✓ Data as a Product
- ✓ Data Visualization and BI
- ✓ Foundation for AI / ML

Engineering Services

- ✓ Solution Architecture
- ✓ Data Science
- ✓ Migration / Modernization
- ✓ Data Governance Tools
- ✓ Data Processing
- ✓ DevOps
- ✓ Performance and Scalability
- ✓ Data Security and Privacy

Data Management & Analytics Case Studies

Investment Data Hub & Analytics

Leading Asset Manager: Built a centralized data hub to optimize investment workflows, integrating robust BI tools for dynamic reporting and interactive dashboards, enhancing decision-making and investor engagement.

Unified Asset, Risk and Investment Analytics

Top-tier UK Asset Manager and Insurer: Implemented a centralized data platform to unify asset, risk, and investment analysis, enhancing efficiency and enabling comprehensive 360-degree financial insights that propel competitive market positioning

Data Platform Modernization

Private Equity Firm: Upgraded the data infrastructure to a streamlined, metadata-driven model, incorporated data governance for clear accountability, and deployed analytics to track data usage trends.

Modern Data Platform for Alternative Investments

Prominent Alternative Asset Management Firm: Transitioned to a scalable, cloud-based data architecture, facilitating comprehensive investment analytics and robust data governance, significantly improving data quality and operational efficiency.