

Data Engineering

In today's ever-evolving world of big data and analytics, data engineering is critical for organizations relying on data-driven decision-making. With the exponential growth of data volumes, the need for efficient data pipelines, reliable data storage, and scalable data processing systems is more important than ever.

At ACL Digital, we design and build scalable AI/ML platforms to unlock new insights and drive better business outcomes. We help businesses turn their enterprise data into actionable intelligence by providing a trustworthy data foundation, enabling analytics and insights from a range of data sources.

What We Offer

From ETL processes to cloud-based architectures, our expertise in data engineering helps unlock the full potential of data assets, empowering confident and agile data-driven decisions.



Big Data

Strategy, Architecture Design & Roadmap preparation, Data Engineering, Ongoing Support & Big Data Use Case Implementation



Artificial Intelligence

Workshop for AI Use Case identification/POC, AI Roadmap Development, AI Model/Application, Development & Management, ML & IoT-powered Transformation



Data Science & Analytics

Workshop for Analytics Use Case identification/POC, Develop Analytics/AI Roadmap, Model Development & Deployment @ scale, Model Management & Enhancement



Automation Intelligence

Process Assessment, Pilot/ POC, RPA Bot Design Development, Enhancement and Support, Combining power of RPA & AI technologies



Data Modernization

Moving siloed data from legacy databases to Modern Cloud-based Databases & DW, Data Fabric, Data Hubs, or Lakes, Design, Development & Support of BI, ETL & DWH, Data-driven services or Business data modeling



Data Governance

Data Quality, Lineage & Catalog (Master & Metadata Management) services, Data Governance & Quality Framework, Data Privacy, Security & Compliance adherence



Visualization & Actionable Insights

Enabling data pattern recognitions, consolidating insights, Descriptive, Exploratory, Predictive, Prescriptive, & Timeseries analytics, Technique analytics



Cloud Computing

Data, Application & Infra Portfolio Assessment, Application & Data Migration, Native Cloud Application Development, Managed Cloud (Data, Apps, Infra)



Assisting customers at Strategic, Tactical & Operational levels

Advisory

- Business Analysis
- Strategy & Roadmap
- Design & Architecture
- Rationalization & Technology Modernization
- Technologies Selection

Implementation Services

- DW/Data Lake/Lake house/Data Mesh/Data Fabric
- ETL/Data Pipelines
- BI Reports/Dashboards
- AI/ML Models
- POC/PILOT/MVP
- Application & Data Transformation to Cloud

Managed Services

- Incident / Problem Management
- Change & Release Management
- Maintenance & Administration
- SLA Management
- DATAOP

Success Story

Global Data Warehousing & Analytics Platform Development for one of the largest professional services companies

Our client needed a data warehousing solution that could support their global finance team and accelerate the production of accurate financial reports. ACL Digital utilized a range of strategies and tools, including Business Workshops, Design Thinking, Big Data, Analytics, BI Strategy and Implementation, Financial Governance and Oversight, and Product Development to create a prototype in just 60 days. The client achieved greater efficiency, accuracy, and insight in their financial reporting and decision-making processes.

- 1 Strategy & Prototyping**
Anywhere, anytime access to applications hosted on SaaS platform
- 2 Budget Recovery Success**
Rescued project 8,000% over budget and 2 years late with a functional solution in 90 days hosted on SaaS platform
- 3 Data Warehousing & Analytics**
Facilitated a global rollout of the data warehousing solution & maintained advocacy and oversight with global finance for 5 years after production release
- 4 Digital Product Development**
Streamlined productivity with multiple digital solutions: Portals, dashboards, & more hosted on SaaS platform
- 5 Managed Service Model**
Strengthened IT security & support by increasing staffing levels
- 6 Design Thinking Workshops & Support**
Supported global growth by providing solution support in AMEA, AsiaPac, and Europe

Ready to build a strong foundation for your intelligent enterprise with data engineering?

Harness the power of data to fuel innovation and growth.



ACL Digital is a design-led Digital Experience, Product Innovation, Engineering and Enterprise IT offerings leader. From strategy, to design, implementation and management we help accelerate innovation and transform businesses. ACL Digital is a part of ALTEN group, a leader in technology consulting and engineering services.

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