

Bring the power of Al into your existing enterprise applications

Unlock the potential of your organization's data with Celestial's end-to-end data engineering and production Al solutions.

- Harness your data for efficient Al deployment
- Intelligently incorporate Al into your existing apps
- Leverage AI insights to hone your competitive edge



The Celestial Advantage: The Best of Both Worlds

Choosing between a specialized shop and a global consulting firm can be tough. With Celestial, you get the best of both worlds: the breadth and scalability of a large firm with the deep subject matter expertise and agile, personalized approach of a boutique provider. The result: a faster, smoother journey from ideation to impact.

	Celestial	Global IT Consulting Firms	Niche Solution Providers
End-to-end solutions			
Scalable teams			
Specialized experts			
Limited bureaucracy	\odot		

Our End-to-End Process: From Ideation to Al Impact

From strategic ideation and infrastructure setup to Al deployment, full-stack integration, and continuous optimization, we tailor each step to help your organization make the most of Al.





1. Strategic Planning and Ideation

Al roadmap workshops and marketplace design to define goals and strategic models.



2. Data Infrastructure Modernization

Modernize and optimize data infrastructure with on-premise, self-hosted, and cloud solutions.



3. Data Migration

Seamlessly transition data with multi-cloud engineering and specific migration pathways.



4. Platform and Operations Engineering

Build robust platforms for AI/ML, including data lakehouse and metadata management.



5. Analytics and Application Development

Enhance analytics with application engineering, UX/UI design, BI platforms, and data science studios.



6. Full Stack Engineering

Comprehensive ML/AI integration covering infrastructure, operations, performance, and security.



7. Continuous Improvement and Support

Ongoing monitoring, maintenance, and optimization for scalability and performance.



8. Organization-Wide Impact

Make impactful data-driven decisions: act on customer sentiment, personalize experiences, identify fraud, and optimize app features quickly.

Our Data and Al Capabilities: Expertise You Can Count On

Our track record in application engineering, combined with best-in-class data and AI expertise, enables us to deliver seamless, integrated solutions. Our innovative and flexible approach adapts to your existing infrastructure and tools, maximizing your organization's data potential and driving digital transformation.



On-Premise / Self Hosted / Cloud Data Eng. Solutions

- Data Warehouse Consolidation into Data Lakes
- Secure Access Portals for Data
 Scientists and ML/Al Governance



AI/ML Platform Engineering and Cloud ML/Ops

- Data Lakehouse Engineering and Data
 Operations
- Metadata Catalog Management and Governance for Data Lakes
- Data and Al Marketplaces for Large
 Financial Services Companies



Big Data Migration Services

- Multi-Cloud Data Engineering
- Google Big Query to Oracle Cloud
 Migration
- AWS Redshift to Azure Databricks
- On-Premise Snowflake to AWS Redshift
- On-Premise Warehouse to Google Big
 Query





Real-time and Big Data Analytics

- Analytic Application Engineering (Front End, Back End & Full Stack)
- BI Platform & Analytics PowerBI, Yellowfin, Tableau, etc.
- Data Science Studio For ML Development and Pipeline Engineering - Azure Al Studio, Dataiku DSS, AWS Bedrock, AWS Sagemaker
- Full stack ML/Al Engineering Infra, Ops, Cost, Performance,
 Security, Data Privacy and Governance.



Generative Al Application Engineering

- Generative AI / Roadmap Ideation Workshops
- Data and AI/ML Marketplace Design and Business
 Modeling Workshops
- LLM Mesh and API-led Orchestration Development (Infra, Ops, Cost, Performance, Security, Data Privacy and Governance)



Celestial: Empowering Enterprises Since 2001

Based in Vancouver, Canada with worldwide offices and a fully in-house engineering team, we combine a heritage of industry leadership in application engineering with deep expertise in data and AI solutions.

At Celestial, we're passionate about empowering enterprises to leverage the power of AI to unlock new opportunities, minimize risk, and sharpen their competitive edge.

