The AI transformation journey has accelerated from modernizing the data architecture for AI to scaling intelligent business processes. Enterprises that thrive will prioritize core forecasting and insights to anticipate, plan, and optimize costs. Products will accelerate touchless devices and virtual experiences.

Analytics and AI services address key business use cases with solutions powered by machine learning, computer vision, natural language, and AI automation.

**Analytics and AI:**
Accelerate your Data Driven Intelligence Transformation
Analytics and AI tackle top business challenges

Artificial Intelligence brings a new set of challenges to the organization from the acceleration of AI across all domains, data instrumentation, data management, knowledge, and expertise of AI, to the integration of intelligent business processes at enterprise scale.

Customers are empowered to focus on their core business. HCL’s analytics and AI solutions address the key technology challenges enabling organizations to harness data and analytics intelligence to better manage information, automate processes, and create intelligent business operations.

AI Solutions to Achieve Business Intelligence

We help customers harness data, which together with artificial intelligence helps drive the acceleration in business transformation.

- Statistical data analysis
- Forecasting
- Predictive analytics
- Pricing and procurement analytics
- Machine learning and deep learning
- Computer vision
- Natural language understanding
- Big data engineering
- Conversational AI
- Real-time and batch processing
- Data quality and management
- Dashboards and Visualization
- Personalization and Recommendations
- AI process automation

Scientific Methods

- Statistics
- Algorithms
- Machine Learning
- Data Analytics
- Models
Analytics & AI Expertise You Can Count On

HCL is working with leading global organizations in helping them to identify unique opportunities through Analytics and AI. In doing so, we enable customers to see truths that enhance decision making, to build products and services that connect them with their customers more closely, and to deliver superior user experiences that are hard to match in the market.

We help harness data from various sources via multiple channels to generate automation, operational efficiencies, drive intelligent business decisions, security, enhance customer satisfaction, and ensure business performance.

Our Analytics and AI solutions are built with deep expertise and experience from across industry verticals – industrial, manufacturing, aerospace, medical, e-commerce, retail, energy, and consumer products.

Analytics & AI Services

Analytics & AI services offerings support clients throughout their AI journey. In the early stages, consulting services define an AI and Data strategy designed to yield measurable business value. At the next stage, customers have data and need help developing AI models. Next, customers need help with scale and automation delivered through big data engineering services. After automation, Data Operations services, help customers manage the data platform for ongoing operations so they can focus on their core business rather than the technology.

<table>
<thead>
<tr>
<th>AI-Analytics Consulting</th>
<th>AI-Model Development</th>
<th>Data Engineering</th>
<th>Data Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Customer wants to define AI/Data Strategy</strong></td>
<td><strong>Customer wants a predictive model</strong></td>
<td><strong>Customer needs a data platform/engineering</strong></td>
<td><strong>Customer needs data ops. management</strong></td>
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</tbody>
</table>
|  • Define the problem to be solved  
  • Identify value propositions  
  • Prioritize use case |  • Understand the key goals:  
  • Cost, revenue, problems  
  • Develop a model |  • Understand the key goals:  
  • Machine/sensor data, silos, SLAs  
  • Performance, pain points |  • Understand system, technologies, SLAs  
  • Data Governance - data management, privacy  
  • Performance |

<table>
<thead>
<tr>
<th>Outcomes</th>
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|  • Data, AI/ML strategy  
  • Model/Architecture  
  • Roadmap  
  • Prototype |  • Predictive Model  
  • Computer Vision  
  • Natural Language  
  • Pricing Model  
  • Recommendation |  • Data architecture  
  • Real-time or Batch process automation, containerization  
  • Technology roadmap  
  • Data lake/Data Platform |  • L2/L3 Support  
  • Automation for efficiencies & performance  
  • Monitoring and Alerting  
  • Privacy/Security |
Why choose HCL Analytics and AI?

AI brings a new set of challenges to the organization from data instrumentation, data management, knowledge and expertise of AI, to integration of intelligent business processes to enterprise scale.

HCL applies an arsenal of skills, experience, assets, best practices, and partnerships to overcome the AI challenges and significantly accelerate AI transformation.

Prebuilt AI reference models, data accelerators, and co-creation AI laboratories accelerate time to value.

Strategic partnerships with leading AI computing architecture OEMs enable intelligence at the edge and powerful AI workflows on cloud and on-premises. HCL offers an analytics service catalog to help companies at all stages of the analytics life cycle and to address important business use cases. Best practices from Market Research, Design Thinking, Lean, and Agile are applied to ensure successful outcomes. The HCL engagement model offers flexibility to ensure value delivery compatible with customer needs.