

Analytics and Artificial Intelligence / Machine Learning (AI/ML)

Deloitte has extensive experience in analytics and AI/ML, with a focus on helping clients develop and implement innovative solutions to solve complex business challenges. Our capabilities range from strategy development and data management to model development and deployment, and they have a strong track record of delivering impactful results across industries. Our experience – combined with Google Cloud’s array of advanced data analytics and AI/ML products, helps empower organizations to streamline operations and make data-driven decisions, while simultaneously helping relieve constraints of scale, performance, and cost.



Data Platform Modernization

Modernize a data environment with data warehousing or data lake architecture patterns to make data less redundant, support insights from structured and unstructured data, and allow for scale and performance as the volume of data proliferates across an agency's data ecosystem. Use Google Cloud's Dataproc for data lake modernization, ETL, and secure data science, and Dataplex to centrally discover, manage, monitor, and govern data across data lakes, data warehouses, and data marts with consistent controls.



Business Intelligence

Develop a strategy to modernize business intelligence and put data at the center of your business transformation with Google Cloud's Looker and BigQuery. Deliver high-value user experiences and transform your business processes by developing innovative new ways to use data to inform or automate your decision-making.



Generative AI

Build generative AI applications quickly, efficiently, and responsibly through the use of Gen AI app builder, Vertex AI and large language models (LLMs) to jumpstart the creation of apps such as bots, chat apps, digital assistants, custom search engines.



Contact Center AI

Transform your contact center and enable rich, conversational experiences with AI technology using Contact Center AI or Deloitte's Digital Contact Center (D2C2) solution.



Document AI

Improve your operational efficiency by bringing AI-powered document understanding to unstructured data workflows across a variety of document formats.



AI and Machine Learning Platforms

Build, deploy, and scale machine learning (ML) models faster with products like Vertex AI.



Our offerings in action: applying our capabilities to your use cases

Health & Equity

Address challenges in health equity by understanding population characteristics and develop strategies for targeted interventions. Built on Google Cloud—HealthPrism™ is a predictive population health analytics solution that helps organizations identify and support populations at greater risk for various health conditions based on social drivers of health (SDoH).

Biomedical and Clinical Data Science

Leverage next-generation, cloud-native cloud solutions from Google Cloud to store and analyze large and complex datasets, develop predictive models, analyze genomic data, configure deep learning environments, manage healthcare data in a secure manner, and accelerate machine learning training.

Sustainability, Climate, and Equity

Leverage the power of Google Cloud and Google Earth Engine, combined with Deloitte’s extensive data analytics and geospatial experience, to understand climate impacts. Monitor and measure climate data, increase resilience, improve crisis response, and drive inclusive and equitable growth.

Edge AI

Deploy AI algorithms and models on local devices, such as smartphones or IoT sensors, rather than on remote servers to provide real-time, low-latency insights and decision-making capabilities. Deloitte built a demo-ready Edge AI accelerator on Google Cloud that leverages Intel hardware.

GovConnect™

Unite AI and Business Intelligence with Deloitte’s GovConnect™. Core analytical capabilities, AI-enhanced tools, and predictive methodologies are combined with the capabilities of Google Cloud to create custom, practical and innovative advanced analytic solutions, which include document processing, Edge AI, computer vision, and Machine Learning Operations (ML Ops).

Student Engagement

Achieve recruitment and enrollment goals. Candidate360™ is an AI and predictive analytics solution—built on Google Cloud—that is designed for higher education organizations to identify prospective students, provide recommendations for personalized outreach, predict enrollment likelihood, and determine financial aid needs.

Crisis Management and Resilience

Empower your recovery with Deloitte's Close As You Go™—a secure, cloud-based software platform built to help state and local governments manage recovery documentation to demonstrate eligibility for FEMA Public Assistance expenditures.

Transportation Analytics

Design, predict, and enhance transportation networks using digital twin technology. Improve efficiency of infrastructure, reduce operating costs, and provide better services to constituents by using analytics and AI/ML for route optimization, demand forecasting, and scenario planning.

Geospatial Analytics

Rethink how geospatial relationships and insights can help you realize a more prosperous and sustainable future for your business with a uniquely powerful, full-platform solution built on Google products like BigQuery and Earth Engine.

Why Deloitte & Google Cloud

Deloitte helps organizations advance their digital transformation efforts. In 2026, Deloitte was named the Partner of the Year for Artificial Intelligence (North America & Asia-Pacific), Gemini Enterprise (Global), Industry Solutions (Global), Managed Security Service Provider (Global), and Infrastructure Modernization (Oracle). This is a testament to our ability to develop innovative solutions that are tailored to meet the specific needs of an organization.

LEARN MORE

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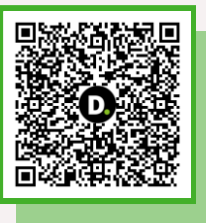
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