

HTC MAiGE

Accelerate Your Data and AI Journey


Make data and AI at the core of your business

The pressure is on - every enterprise must become data-driven and AI-first. Yet, building formidable data and AI capabilities presents its own set of challenges. From integrating diverse data sources and managing data quality to scaling secure, bias-free AI integrations and unlocking actionable insights, obstacles arise at every step. So, how can you overcome them and fully unleash the potential of data and AI to drive innovation and growth?


Meet HTC MAiGE

HTC MAiGE is a cutting-edge, modular data and AI platform offering a robust suite of reusable, plug-and-play solutions that address end-to-end needs in data management, AI model development, generative AI, and software delivery. With specialized components like Data Works, Neural Nest, Generative AI Studio, Agentic AI, and OmniDev AI, HTC MAiGE serves as a one-stop framework to accelerate modernization, boost productivity, and turn data and AI into real business impact.


The Transformative HTC MAiGE Components

Data Works


- Data Management platform integrated with customer onboarding
- Data Ingestion
- Data Quality checks
- Data Standardization
- Data Labeling
- Data Governance setup
- Data Transformation
- Data Visualization Toolkit
- Experience APIs

Neural Nest


- Classic ML
- Deep Learning platform that is integrated with MLOPs
- Neural Network Designer
- Predictive modelling
- Anomaly detection
- Time-series analysis
- Recommendation engines

Generative AI Studio

- Data Studio
- Prompt Studio
- RAG studio
- LLM Studio
- All integrated with LLMops

Agentic AI

- Agent Management
- Tool Integration
- Memory and Learning
- Planning and Reasoning
- Communication and Collaboration
- User Interaction
- Security and Compliance
- Evaluation and Benchmarking

OmniDev AI

- Customer Service Copilot
- Integrate Copilots into Fabric
- Leverage Power BI with Copilot for enhanced analytics
- Tailor custom Copilots using Azure AI services
- Integration with AutoDev, Amazon Q developer, Devin for autonomous execution of complex development tasks

Deep capabilities for outstanding outcomes



Data Science



Applied AI



Data Engineering

Features that help you build for relevance and impact on what matters

Component-Based Architecture with Data-Centric AI

- Innovative component-based architecture
- Data and AI at the core
- Transforms data into a valuable asset
- Enforces strong data governance protocols

Intelligent Data Ingestion

- Advanced data ingestion layer
- Language model (LLM) assistants
- NLP based data ingestion
- Rule based data ingestion
- Domain-specific querying for data retrieval
- Data Virtualization
- Native data connectors for various sources and formats

Versatile Data Adapter Framework

- Effortless data amalgamation
- Metadata-driven connectors
- Sets the stage for a unified data ecosystem

Automated Exploratory Data Analysis (EDA)

- Auto EDA with NLP insights
- Visual representation of data correlations
- Quick visual analysis of columns
- Detects outliers, missing values, and more

Streamlined Data Transformation

- NLP based data transformation
- Rule based data transformation
- LLM-assisted
- Simplified field selection
- Automated transformation services
- Rich library of 60+ built-in processors

Intuitive Data Consumption and Visualization

- Data consumption layer for external system integration
- Transparent and interactive data depictions
- Inherent visualization strata
- User-friendly data exploration
- Copilot support

Adaptable Industry Use Cases

- Accommodates any scenario
- Applies AI algorithms for predictions and classifications
- Precise data predictions
- Astute recommendations and classifications

Robust MLOps/AIOps Framework

- Embeds an efficient CI/CD pipeline
- Proactive monitoring strategy
- Identifies data irregularities
- Data drift monitoring and alerts
- REST APIs for real-time scoring and usage

Secured by design: The safety assurance of using HTC MAiGE



Robust
Encryption



Ethical AI
Framework



Privacy-Centric
Architecture



Comprehensive
Compliance



Vigilant
Security Oversight

Break new grounds with HTC MAiGE



Democratize data and analytics



Advance decision intelligence



Accelerate AI and ML innovation



Ensure data governance



Enhance efficiency, productivity and agility

HTC MAiGE working its magic

Effortless Single-Click Operations Through NLP

Single-click operations from the initial stages of data ingestion and transformation streamlined through advanced Natural Language Processing (NLP).

Advanced Intelligent Auto EDA framework

Auto EDA framework analyzes complex and unorganized data, both structured and unstructured and assess data quality and completeness.

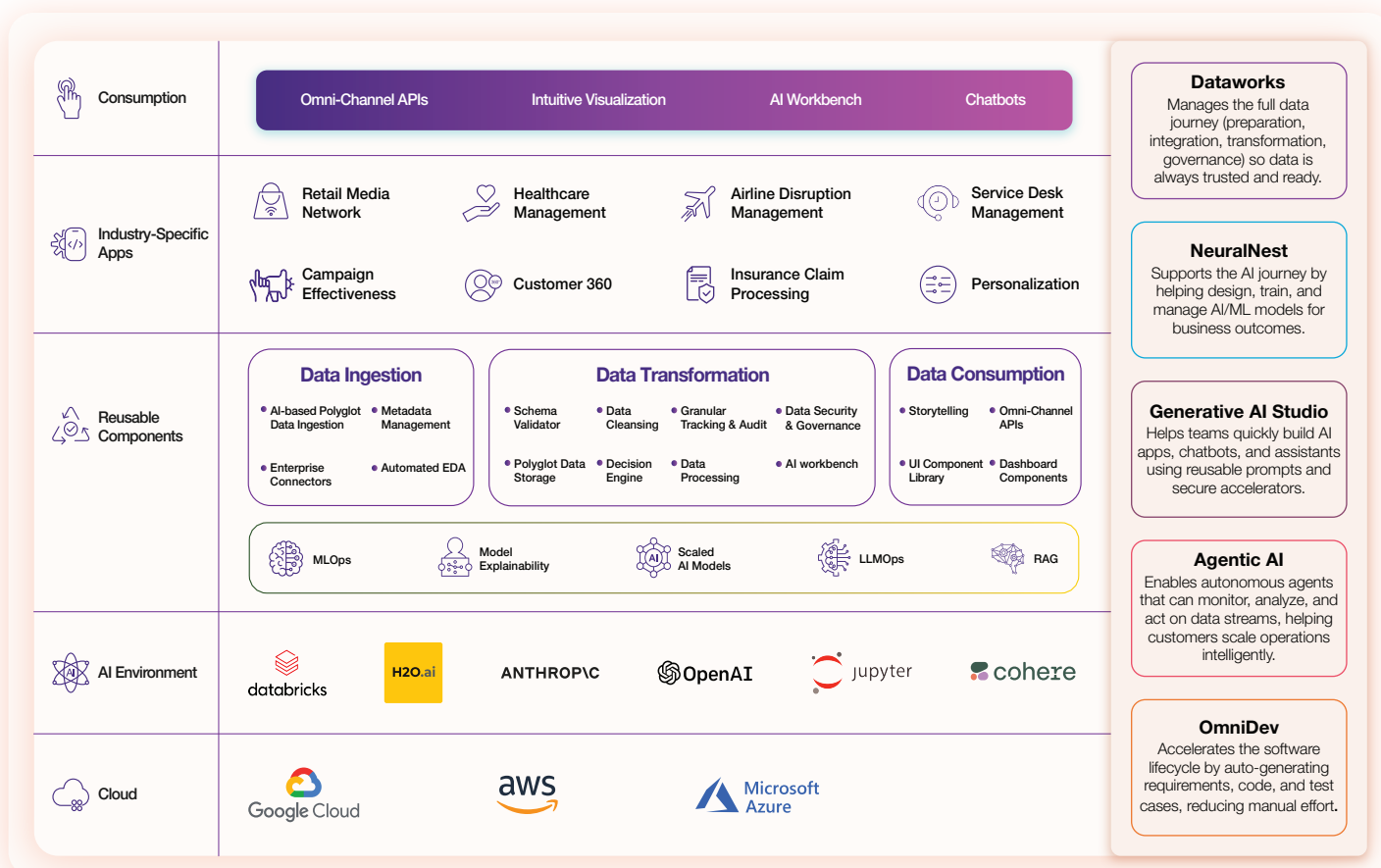
Unified Data Access With Single SQL Query Interface

Revolutionary SQL query interface simplifies data retrieval from multiple sources.

Reusable MLOps/LLMOps framework With Responsible AI

Component-based MLOps/LLMOps framework with Responsible AI for both creating new models and managing existing ones.

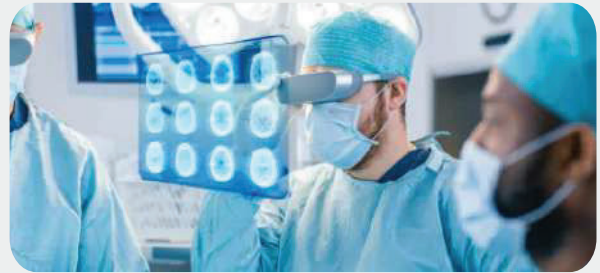
HTC MAiGE Platform - Decoded



MAGIC in real business scenarios

Retail

Leverage HTC MAiGE's capabilities in Retail Media Networks, autonomous store operations, fulfillment AI, demand forecasting, and more to redefine retail.



Healthcare

Explore the AI care management model, patient risk scoring mechanism, care managers' dashboard, and real-time medical management that HTC MAiGE helps you build at speed and scale to improve care outcomes.

Insurance

Discover the power of intelligence in insurance with scalable underwriting automation, predictive pricing, claims management, AI-driven sales and distribution, and enhanced overall operations.



Travel

Embark on a new-level growth journey by leveraging HTC MAiGE capabilities for flight delay prediction, delay propagations, self-check-ins, query handling, and personalized recommendations.

Higher Education

Unlock a new era of academic excellence with our platform, harnessing AI to reimagine curriculum development, knowledge imparting, learning, and administrative productivity.



Consumer Packaged Goods

Ignite innovation in the CPG sector with HTC MAiGE, leveraging AI for demand forecasting, supply chain optimization, marketing strategies, retailer engagements for RMN, shelf planning and consumer insights.



www.htcinc.com | www.htcnxt.ai

About HTCNXT

HTCNXT is an enterprise AI solutions division reimagining customer experiences and outcomes. We combine disruptive technologies, deep domain expertise, and our purpose-built data and AI platform, HTC MAiGE, to accelerate AI-led transformations for enterprises.