MuSigma offernings:

muRx: decision sciences workbench that democratizes the use of analytical methods and integrates multiple aspects of analytical problem solving into one place

focus ares:

return on investment

Demand planning and forecasting

Sales force effectiveness

Sales force effectiveness

Patient life-cycle management

Warehousing and distributions

Patient experience management

**Tiger analytics:**

New Drug Launch Planning & Analytics

Discontinuation Forecasts & Drivers

Never Start Drivers

Payor Profiling

Service Turnaround Time Metrics

Next Best Action for Patient Services Manager

Patient Journey Maps

Patient Profiling (Patient 360) & Segmentation

Patient Therapy Adherence (Time-on-Therapy)

Patient Discontinuation Likelihood

Patient Restart Likelihood

Patient Authorization Likelihood

**Fractal:**

[Image and Video Analytics | Fractal](https://fractal.ai/image-video-analytics/)

**Identify objects with precision**

**Segment images to reveal insights**

**Discern Actions and Events to Enhance Experiences**

**Gain Visual Insights in Real-Time**

[Text Analytics | Fractal](https://fractal.ai/text-analytics/)

**Remove Duplicate Customer Records**

**Create Standard Product Catalogs for MDM**

Drive Insights from Voice of Customer Data

Cognizant:

[Evolutionary AI | Cognizant](https://www.cognizant.com/us/en/services/ai/evolutionary-ai#spy-ourapproach)

Congizant developed an Evolutionary AI framework-(Learning Evolutionary AI Framework)-LEAF

AI and analytics in areas like Patient Diagnosis, analysis of Medical test results ,Individual risk factors to identify optimal treatment protocols, Virtual healthcare solutions

Bioengineering testing regimens, personalize treatment based on individual Needs

RESOLV that answers business analytical queries in real time using natural language processing.

TCS products:

TCS Datom™ is an advisory framework to develop the right data, analytics, and AI strategy aligned to the customer’s business goals.

TCS Daezmo™ (Data and Analytics Estate Modernization) is a state-of-the-art solution suite combining approaches, methodologies, and machine-first accelerators to build a scalable and future-ready data platform

TCS Decision Fabric : TCS’ data and analytics framework leverages the power of artificial intelligence to build innovative business solutions for accelerated outcomes. TCS’ data and analytics framework leverages the power of artificial intelligence to build innovative business solutions for accelerated outcomes.

Health care: AI and analytical products

TCS ADD™ is a suite of modern and open technology platforms for clinical research and drug development that helps make clinical trials more agile and safe.

TCS Customer Intelligence & Insights (CI&I) helps organizations deliver relevant, connected, and personalized user experience in real-time

**Accenture:**

Key offerings in healthcare

Our offerings in digital health, operational transformation, consumer experience and high impact consulting help companies deliver personalized, efficient and informed care.

AI is Accenture's collection of AI solutions that are designed to unlock new efficiencies and growth, enable new ways of working, and facilitate game-changing innovation—3x faster than the typical product lifecycle. Built and delivered on the foundation of Accenture's unparalleled AI expertise, data services, intellectual property and ecosystem partners, our scalable, modular solutions minimize time to market and maximize business impact.

Accenture positioned as overall Leader and Star Performer in the 2022 Everest Group PEAK Matrix® Assessment for Data & Analytics Services.

**Persistent:**

Service Agent Productivity

Contact Tracing (risk of infections)

Accelerated Drug Labeling

Offerings in healthcare:

Our Offerings

Engage 360

Explainable AI

Persistent Digital Front Door

Revenue Cycle Optimization

Intelligent Automation

Healthcare Interoperability

Population Health Management

Wipro:

InspectAI: Asset Monitoring and Asset-intensive Enterprises

Intelligent Document Processing: Unlock insights from varied documents

Enterprise IQ: infusing AI to drive successful outcomes

InteractAI: infusing AI to cultivate a superior customer experience

Wipro works in healthcare:

Provider Credentialing

Health Insurance Exchange:

Healthcare Business Process Solutions(Cost competitiveness)

Medicaid platform(sync up with reforms and regulations)

Provider lifecycle management

Genpact:

Full-stack AI/ML implementation

Responsible AI

MLOPs advisory and Implementation

Analytical Maturity Mater(AMM)

Optum:

Population Health management Framework(The shift from fee-based care to value-based care, A collaborative healthcare ecosystem, Digitally enabled care,  Telemedicine adoption, Virtual care entry point)

Value-based care

Robotics-assisted diagnostics

Customized care

GE:

AI and analytics offerings of GE in healthcare :

SIGNA Hero: frontlines address some of today’s most pressing healthcare needs: enhanced productivity, patient comfort, and sustainability

SIGNA Artist Evo: DL image reconstruction help provide clearer, sharper and more detailed images faster – enabling shorter patient setup times and reducing table time.

Revolution Apex platform: AI-based virtual parenchymography to help clinicians simulate injections dynamically and perform liver embolization procedures with confidence.

AMX Navigate:

Vscan Air: Vscan Air offers a high-performance ultrasound machine in a lightweight, portable device designed to improve patient experience and access to ultrasound technology – involving patients by sharing real-time image sharing as simple as see, snap, send.

ZS:

Healthcare AI solutions:

**Atlas Intelligence**(3. Intelligence Market(growth opportunity),Intelligence Innovation(Concept Optimization)Intelligence Journey(Costumer engagement Strategy)

### **ZS Panorama**(1.Customer landscaping-Use physician-centric insights to create a nuanced map of customer opportunities and maximize launch effectiveness 2.Data-driven segmentation

### Link attitudinal and behavioral attributes of physicians. See more about physicians to create more-compelling profiles and maximize brand growth. 3. Precision targeting

### Go beyond physician specialties and volumetrics to truly understand the world from a physician’s lens, answering the “why” along with the “what” when it comes to performance behaviors and targeting.)

**PersonalizeAI**(Deliver the right products and offers -Use historical purchasing patterns to personalize products and offers to highly elastic customers.)

Oracle cerner:

Oracle cerner AI and analytical sol in healthcare

**Chart AssistTM** leverages clinical documentation and EHR data to prompt for undocumented diagnoses, diagnoses lacking specificity or diagnosis that lack sufficient clinical evidence.

**Charge Assist** supports accurate professional fee coding that is directly embedded into the clinician documentation workflow.

**Nuance Dragon (DAX)** is an ambient clinical intelligence solution that integrates with Cerner Millenium® and automatically documents patient encounters at the point of care.

**The Cerner Command Center Dashboard** leverages near real-time data and predictive analytics to provide health systems a clear line of sight into critical resources such as staffed bed capacity, care demand and equipment

**Cerner Patient Observer** is a virtual observation solution that helps allow a trained observation technician to monitor multiple patient rooms from a central monitoring station and proactively alert the care team of potential falls and other adverse events that occur in hospitals.

Quantiphi:

Computer Vision: Detect objects of interest at world-class accuracy levels

Natural Language Processing: Understand documents, create auto-response systems

Speech Recognition: Perform at near-human levels in speech emotion detection & other tasks

Conversational AI: Offer superior customer experience through natural human-like conversations

AI-ASSISTED SCAN CLASSIFICATION

HYPER-PERSONALIZED REMOTE PATIENT MONITORING

Disease Recurrence Prediction- Oncology patients

Care Management Efficacy

Wellsky:

**WellSky Home Health CareInsights**™. This innovative technology is powered by algorithms based on historical data from more than 7 million home health patient episodes. CareInsights enables both care managers and clinicians with predictive insights on patient real-time hospitalization risk, social determinants of health, care setting suitability, and Low Utilization Payment Adjustment (LUPA) risk

Patient-Driven Groupings Model (PDGM)

Mckinsey:

**Healthcare Market Intelligence:** An analytics tool that aggregates and visualizes market-level data to help organizations uncover insights about the present and future market landscapes

**Benchmarking to Value:** A claim-analytics engine that systematically scans medical and pharmacy spending to identify opportunities to reduce medical costs and close care gaps

**Clinical Concept Benchmarking:** A benchmarking tool that helps payers identify utilization opportunities, prioritize high-impact initiatives, and use those insights to design initiatives that ensure quality care and safety

BCG:

Deloitte:

AI Strategy:

Envision ways AI can generate value, transform the tech architecture, evolve the workforce, and create trust for your organization.

Trustworthy AI:

Provides a common language that organizations can use to articulate trust across internal and external stakeholders

AI Insights & Engagement

Generate human-like insights and recommendations from structured and unstructured data using science-based capabilities.

AI-enabled innovation & ecosystem architecture:

Orchestrate alliances and partnerships to bring the best technologies and solutions to our clients, helping them to innovate into the future.

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Overall size of healthcare market in US.

Competitors size in analytics

Healthcare start-ups in analytics

Health care GDP contribution – Analytics Contribution in GDP

Value based care market size in US

US value based healthcare service market size

D3Q- Completed &amp; Design Q program.

Completed BA certification with 90% (Highest in Batch)

Smart Scrum certification

POC, POV, Demos, Presentation, RPF building skills - On Job

Analytics / AI / ML Ops/ BI processes and implementation cycles - On Job Interviewing skills - On Job

Creative problem-solving course completed.

Part of multiple partnership building effort to learn working across multiple stakeholders &amp; Cross Skilling

