Data Design Lab for Healthcare on AWS

Jump start your data modernization in just one week.

In the healthcare industry, the quintuple aim is a focus on enhancing patient experience, improving population health, reducing costs and improving the work life of healthcare providers. While this focus is essential for improving the overall cost and quality of care, Onica by Rackspace Technology realizes this is not easy to accomplish.

The challenge is that healthcare professionals and payers are becoming overwhelmed by patient and population health data. They are often dealing with legacy data sources born out of mergers, acquisitions and other strategic unions. And all too often data is stored in disparate locations — whether via a purpose-built application like an electronic lab notebook or on an individual scientist's desktop.

When you combine this with the fact that new and existing sources are quickly being created — from wearables to genomics — in different formats and all in need of harmonization, it's easy to see how quickly ineffective data management leads to poor health-tech data.

Data Design Lab for Healthcare on AWS

With a Data Design Lab for Healthcare on AWS, we'll help you deliver on the promise of high-quality outcomes and patient empowerment through a connected view of your patient data across the continuum of care.

You gain data-driven capabilities that increase patient satisfaction and optimize the patient journey through increased interoperability, data transparency and care coordination. We can help create tangible deliverables that accelerate modernization initiatives, including data, analytics, artificial intelligence (AI), machine learning, serverless and more.

By having accurate and concise data to determine which higher-risk patients can be prioritized for annual wellness visits, same-day visits, post-discharge appointments and other limited slots, allows healthcare professionals to see a larger percentage of high-risk patients, and reduce unnecessary and costly hospitalizations.

Key Benefits

Drive actionable insights

- Integrate clinical, financial, administrative, member, provider and operations data (FHIR, HL7, EDI)
- Aggregate, segregate, classify and manage data with AI and machine learning
- Create meaningful dashboard and self-service reporting to enable informed business decisions

Manage risk, quality and performance

- Identify, stratify, classify and positively impact the health of high-risk patients through population health management solutions
- Report health plan performance, manage provider networks and contracts, manage upside and downside risk

About Onica by Rackspace Technology™

- 2,500+ AWS accreditations
- 13 AWS Service Delivery Designations
- AWS 2021 Migration Partner of the Year (U.S. and Canada)

Expertise Across 15 AWS Competencies

- Data & Analytics
- DevOps
- Education
- Financial Services
- Healthcare
- Industrial Software
- IoT
- Machine Learning
- Microsoft Workloads
- Migration
- Oracle
- Retail
- SaaS
- Storage
- Travel & Hospitality

aws

PARTNER
Premier Tier
Services

ONICA
by *rackspace technology*

Engage your members

- Increase consumer health awareness
- Integrate with provider systems to ensure consumer participation in your outreach programs
- Enhance your reach through telehealth and remote patient monitoring solutions

Operational cost reduction

- Identify claims fraud, COB, payment integrity, predict and identify high-cost members, and forecast readmissions and no-show appointments
- Close gaps in care and harness patient data to identify patterns in care delivery and cost management

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Key Features

Our Data Design Lab gives you a faster path to production and deeper knowledge of data and analytics services, including:

- Database modernization
- Extract, transform and load migration and modernization for batch and streaming
- Data platform for ad-hoc querying, visualizations and advanced analytics

- Data lake modernization for managing and processing data more effectively
- Graph analytics
- Machine learning

With a Data Design Lab, you can expect to gain:

- A well-defined strategy
- Accelerated progress for creating tangible deliverables

- Access to our data experts who will provide architectural guidance before you start building
- Partner funding

Project Details

Duration	Description		Fee
1 week	Discovery	Design	$10K
	· Use case selection · Current system review · Define goals	Create future-state architecture	* AWS funding

Deliverables

- Future-state architecture diagrams
- Future-state documentation
- High-level future-state backlog activities
- Proposal for follow-up implementation engagement

Take the Next Step Toward Data Modernization

Let's talk about how Onica AWS and healthcare expertise helps you meet your quintuple data management goals.

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