# Data Design Lab for Healthcare on Microsoft Azure

## 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, 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 Microsoft Azure

With a Data Design Lab for Healthcare on Microsoft® Azure®, 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 Rackspace Technology

Rackspace Technology® is your trusted partner across cloud, applications, security, data and infrastructure.

- 3,200+ certified technical experts
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 120+ countries
- Azure Expert MSP designation 2021
- Five-Time Microsoft Hosting Partner of the Year
- Microsoft Solutions Partner
  - Data & AI (Azure)
  - Digital & App Innovation (Azure)
  - Infrastructure (Azure)
  - Modern Work
  - Security
- Specializations
  - Analytics on Microsoft Azure
  - Infra and Database migration to Microsoft Azure
  - Kubernetes on Microsoft Azure
  - Microsoft Windows Virtual Desktop
  - Cloud Security
  - Threat Protection

## Fanatical Experience®

Experts on your side, doing what it takes to get the job done right. From first consultation to daily operations, Rackspace Technology combines the power of always-on service with best-in-class tools and automation to deliver technology when and how you need it.

**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

## 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<br>·Current system review<br>·Define goals | Create future-state architecture | * Microsoft Azure 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

Let's talk about how Rackspace Technology healthcare expertise helps you meet your quintuple data management goals.

1-800-961-2888
www.rackspace.com/industry/healthcare

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