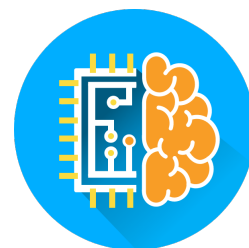


The New Healthcare.AI by Health Catalyst

Transformative products and expert services that dramatically broaden the effective use and use cases for AI in your organization

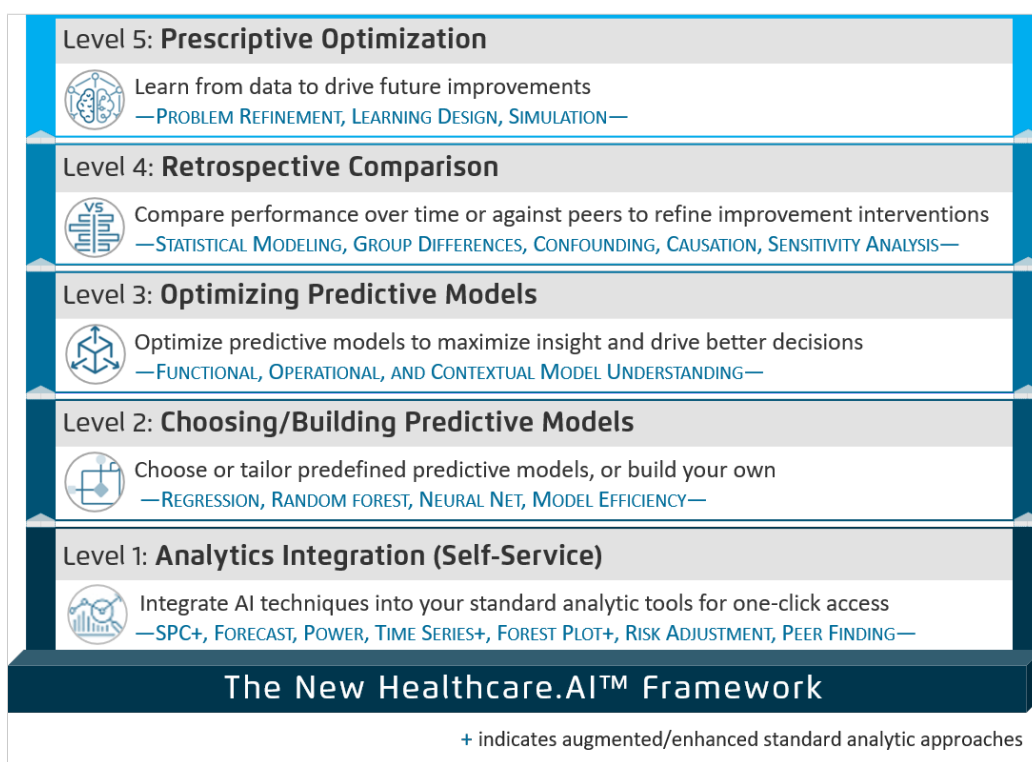


Type: Analytics Solution

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The new Healthcare.AI™ by Health Catalyst is a suite of AI (augmented intelligence) products and expert services optimized to address a broad swath of AI uses and use cases.



Applications within the solution

- Healthcare.AI Suite

Services within the solution

- Healthcare.AI Optimization Services
- Healthcare.AI Expert Services

Our new Healthcare.AI offering provides a solution for each level of the Healthcare.AI Framework.

The problem

Healthcare leaders face a long list of increasingly critical business issues affecting revenue, cost, and quality. The decisions surrounding these issues make analytics more important than ever. The breadth of stakeholders is growing, turnaround must be faster, and the margin for error is shrinking.

In response, many business and analytics leaders are now trying to integrate AI into their analytic processes to better address these critical issues. Too often, these efforts are less than successful. Leaders frequently struggle to integrate AI into current tools, integrate or change workflows, and demonstrate a positive impact of AI.

Our approach

The new Healthcare.AI offering by Health Catalyst is a new, transformational suite of products and expert services that address a wide array of critical business issues. Healthcare.AI dramatically broadens the use of and uses cases for effective AI within your organization.

Healthcare.AI delivers a mix of self-service products and expert services for each level of the Healthcare.AI Framework. With our uniquely open, transparent, and easy solution, you can build trust and lead change by fitting the data, methods, and algorithms to your specific situation—increasing adoption and success of AI.

Benefits and features

Healthcare.AI Product Suite (Level 1: Analytics Integration):

- **Provides easy one-click integration of AI into existing BI tools and applications.** The product suite easily integrates into existing BI tools and Health Catalyst applications. Once installed, it can be up and running and creating insights in minutes.
- **Embeds a blend of well-established, cutting-edge statistical and machine learning techniques into Health Catalyst products.** We start with proven statistical methods and add AI to improve the existing capability—making it easier for analysts to understand and use advanced statistical and AI features within existing BI workflows.
- **Helps analysts produce higher quality, dramatically faster insights.** Our embedded approach accelerates the delivery of analytic insights, automates analytics tasks currently managed in external tools and languages, and introduces advanced AI to identify patterns faster than traditional approaches.

Healthcare.AI Expert Services (Levels 2-5):

- **We can help you choose, build, or optimize predictive models (Levels 2, 3).** Self-service predictive analytics have more options and pitfalls than ever. Our guidance helps you pick from hundreds of available models or develop the right model faster. Either way, we will ensure that what you deploy is calibrated to your circumstances and optimized to drive results.
- **We help you use AI for use cases beyond predictive models (Levels 1, 4, 5).** Our expert services help you use AI for new use cases and advanced business decision-making, including retrospective comparisons for system-wide improvement and prescriptive optimization to plan the most efficient improvement path forward.

Success stories

For examples of how customers have used Health Catalyst products and services to improve outcomes, see our [success stories at healthcatalyst.com](https://healthcatalyst.com/success-stories)

Use cases

- **An analyst** received a request from a medical director to help show a decrease in 30-day heart failure readmission. In 30 minutes, the analyst combined SPC charts, forecast, and power analysis into their readmission BI tool. The analyst discovered that the healthcare system's readmission rate was at goal already. Moreover, demonstrating the proposed stretch goal of a 10% improvement would take 3+ years to demonstrate based on historical volume and variation. In a joint session with the medical director, the analyst discovered an opportunity to improve follow-up visits despite being down 20% in care manager capacity. They achieved efficiency by deploying a more accurate risk prediction model for the care managers.
- **A care management team** focused on Medicaid members needed better ways to identify their most vulnerable members and explain decisions to state regulators. The unique nature of the population, data capture, workflow, and desire to focus specific attention on mental health and substance abuse patients meant there was not a standard risk assessment. Health Catalyst rapidly built and optimized a predictive model to prioritize outreach, engage clinical and operational leaders in the process, and explain their decisions in a way that was acceptable to state regulators.
- **The Board of Directors** at one of the largest integrated health systems in the country requested that the system add health equity goals for the Board to review. The system had already won awards for its health equity efforts, and they selected three measures to reduce racial disparity based on their past initiatives. Separately, the system wanted to add Board goals addressing mental health and wellness. Health Catalyst Expert Services leveraged AI across hundreds of measures and millions of members (including personal characteristics such as age, race, geography, etc.). The team learned there was little opportunity to reduce racial disparity for the three selected measures. Instead, they identified an opportunity to reduce racial disparity by completing antidepressant medication treatment—and helped the healthcare system focus on the greatest need.

Contact us

For more information on how Health Catalyst products and services can help your organization, please contact us:

- Reach out to your sales representative
- Call us at (855) 309-6800
- Email us at info@healthcatalyst.com