

Rapid Response Analytics Solution™

Scales analytics teams, reducing analytics development time by up to 90% and increasing analytics productivity up to 10x.



Type: Analytics Solution

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The Rapid Response Analytics Solution is an analytics infrastructure solution focused on reusable, curated, and consistent logic and algorithms built into the Health Catalyst Data Operating System (DOS™). The Rapid Response Analytics Solution drives analytics value quickly and flexibly with these products:

- **DOS Marts™** —curated, modular, reusable, customizable, and dynamic layer of data, content, business logic, and algorithms
- **IDEA** —web-based software application that collects custom sets of data for instant entry into DOS
- **Population Builder** —visual analytics builder tool that enables rapid authoring and sharing of population definitions for population health analytics, quality improvement, research, and reporting registries without the need for complex SQL development
- **Leading Wisely** —a decision-support tool for healthcare leaders with customizable visualizations to show current performance on critical measures identified by a health system, department, unit, or team

Applications within the solution

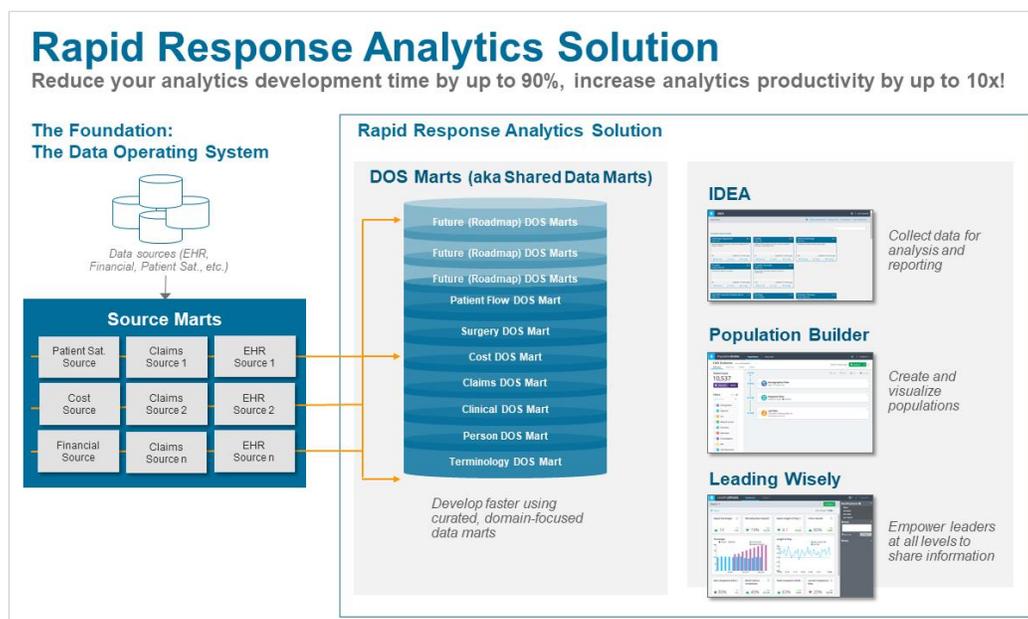
- DOS Marts
- IDEA
- Population Builder
- Leading Wisely

Services within the solution

- DOS Mart Optimization Services
- Population Builder Optimization Services
- Leading Wisely Optimization Services

Success stories

For examples of how customers have used Health Catalyst products and services to improve outcomes, visit <https://www.healthcatalyst.com/knowledge-center/success-stories/>



A visual analytics builder for populations and self-service dashboards powered by curated, reusable, domain-specific data models to reduce analytics development time up to 90%.

The problem

Healthcare systems often experience unnecessarily long analytics time-to-value due to struggles hiring and training enough analysts, inconsistency in analytics results, and unsustainable analytics ROI. Analysts spend significant time repeating tasks like integrating data and developing basic calculations, often yielding inconsistent results. Additionally, communication cycles between analysts and subject matter experts can be time consuming and frustrating.

Our approach

The Rapid Response Analytics Solution is a collection of analytics infrastructure components that relieve analysts from having to reinvent the wheel for commonly used data elements. This solution shifts much of the analytics development process from the analyst to the data consumers themselves with an elegantly designed self-service experience.

Access to timely, accurate, easy-to-use data is especially important as healthcare systems face challenges like COVID-19 that demand rapid insights for critical decision making. This solution scales analytics teams and puts analytics into the hands of leaders and decision makers across the healthcare system, reducing development time by up to 90% and increasing productivity up to 10x.

Benefits and features

- **Revitalize your analytics team** – Lift the heavy burden of repetitive SQL querying from your analysts to increase their effectiveness and help them work at the top of their license.
- **Scale analytics infrastructure and capacity** – Advanced analysts perform faster and better; entry-level analysts are more productive quickly.
- **Scale up a sustained ROI that compounds over time** – Reuse, don't reinvent. Analysts can focus on creating value-add business analytics versus complex SQL across multiple data sources.
- **Increase effectiveness of data consumers (subject matter experts)** – Ad-hoc analysis and data visualizations puts power in the hands of data consumers instead of relying on expensive and overwhelmed analysts.

Use cases

- **An analytics team** of 5 spends 90% of their time answering basic questions over and over (such as number of patients with a chronic condition diagnosis like diabetes, heart failure, COPD, etc.). They are unable to free their time to answer deeper clinical analytics questions to drive improvement initiatives (such as identifying patients at risk of a specific disease). By implementing Rapid Response Analytics, clinicians and other decision makers can access analytics directly using Population Builder and Leading Wisely—and the overall throughput of the analytics team increases by ten times.
- **A healthcare organization's analyst and clinician** work together to define populations and share insights with leadership. The analyst spends significant time repeating tasks like integrating data definitions and developing basic results. The clinician isn't getting the information she needs quickly enough—resulting in missed opportunities to share results and trending with leadership. With Rapid Response Analytics, the analyst can immediately normalize commonly used data and make it available for rapid use in Population Builder and Leading Wisely. Using Population Builder, the clinician centrally defines and governs population definitions. She relies on Leading Wisely to share dashboards filtered by population to identify potential opportunities for improvement—anytime she needs to.

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

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