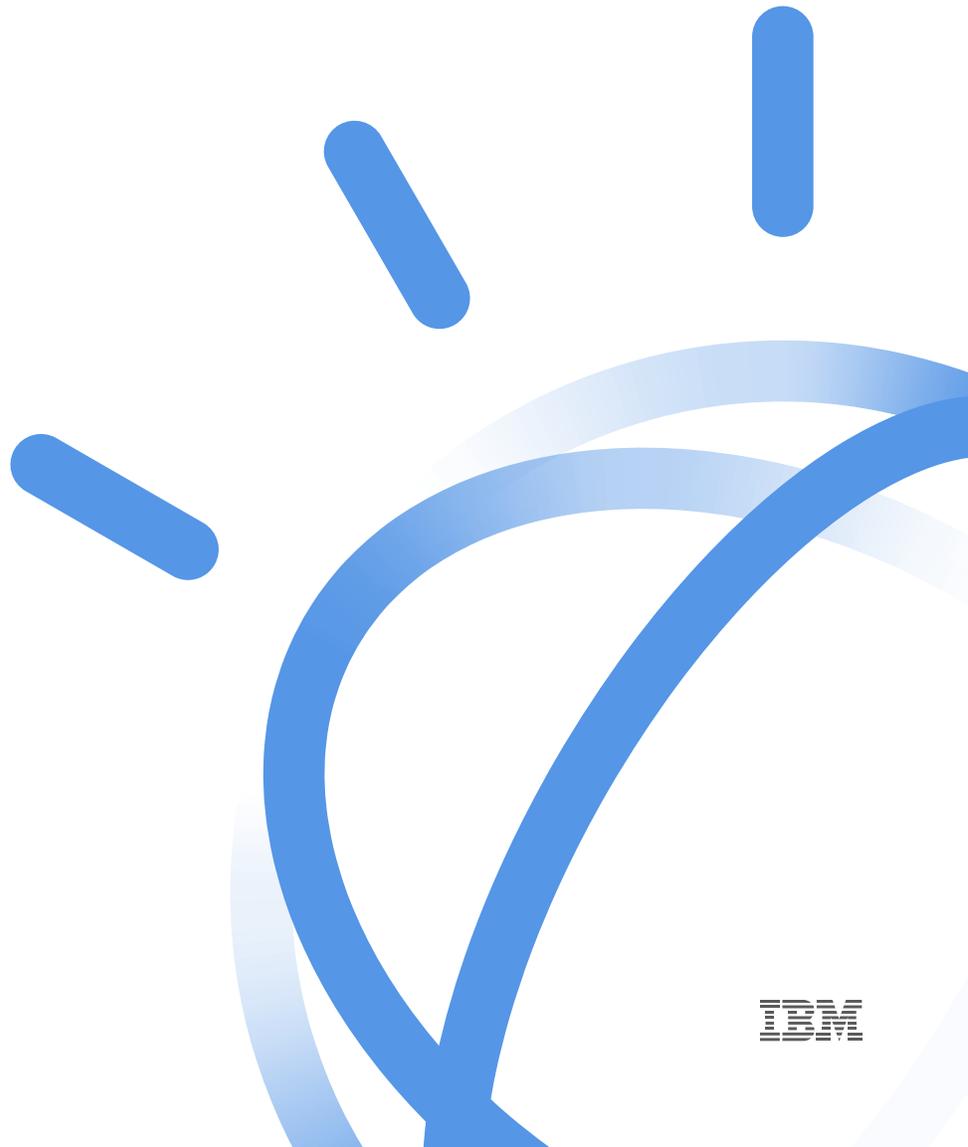


IBM Risk and Contract Management Solutions

Turning big data into insight



Highlights

- Uses a deep clinical data set to analyze your entire patient population
- Identifies high-risk patients and high-cost claimants across the continuum of care using third-party commercial, public domain, and proprietary next-generation risk models
- Compares performance across a broad set of data that provides benchmarks and comparative insights into treatment models and their outcomes

IBM Risk and Contract Management

Solutions

- IBM® Explorys Population Assessment

IBM Risk and Contract Management solutions provide healthcare organizations with insight into populations and contracts relative to past and predicted outcomes and costs. These analytics provide insight into population disease prevalence, utilization patterns, and per-member-per-month (PMPM) costs using a rich combination of claims and clinical data from across the continuum of care. This enables clinical and administrative leaders from provider systems, networks, and health plans to assess risk and pinpoint opportunities to mitigate risk to help improve the health of the population and lower the cost of care.

Problem

The increased emphasis on value-based care delivery models requires that providers better understand and proactively manage their entire population, especially high-risk patients and high-cost claimants. Challenges to that end include working with disparate claims data from a variety of payers and a variety of workflows within healthcare systems that make it difficult to interpret information.

To improve patient healthcare and lower costs, healthcare organizations must make smarter use of clinical and claims data so that they can better understand risk within patient populations, and ultimately, learn how to mitigate that risk.

Solution

IBM Risk and Contract Management solutions help healthcare systems to collect, link, combine, and analyze data from hundreds of disparate sources not only across their enterprise or clinically integrated networks, but also externally. These data sources span the major types, including electronic health records, practice management systems, payor claims, laboratory systems, billing systems, and patient-reported outcomes data. Whether you are interested in tracking at-risk populations, such as heart failure patients or patients belonging to a medical home, IBM Risk and Contract Management solutions help you to quickly identify your target population and view data that can enhance decision-making and risk-stratified care management.

Population profiles include sex, age, geographic footprint, disease burden, risk stratification, and network utilization. Historical utilization includes cost drivers, DRGs, distribution of risk profiles, top utilizers, and E&M distribution across different care venues. Risk and projected utilization includes a breakdown by percentile, demographics, and condition.

Choices in risk models

IBM Risk and Contract Management solutions support a myriad of options, including third-party commercial, public domain, and proprietary next-generation risk models. Your organization can choose which risk models make the most sense for your initiatives and the population you are analyzing. The IBM® Explorys Risk Model (ERM) performed exceptionally well when compared with existing models in a third-party actuarial analysis.¹ Its strong performance is due in large part to the advanced analytics applied to a rich data set – one that has much more depth and breadth by incorporating procedures and medications, demographics, and diagnoses – a key differentiator that leverages the deep clinical data available in the IBM® Explorys Platform.

Easy to launch

Launch IBM Risk and Contract Management solutions quickly using the library of modifiable templates for major value-based care programs, including:

- Medicare Shared Savings Program ACO
- Commercial ACOs
- Medicare Advantage
- Patient-Centered Medical Homes (PCMH)
- Employee Health Plans

Analytics access

In addition to the reports and embedded analytics within the IBM® Explorys Enterprise Performance Management (EPM) Application Suite, business intelligence analysts can also access the analytic data set for the defined population and perform ad-hoc analysis of the curated and calculated data. The analytic data set contains pre-built tables and schemas designed to meet the demands of value-based care and analytics. It is used to support existing business intelligence tools and frameworks, as well as applications that can benefit from curated data contained within it.

Risk and Contract Management Solutions: Features and potential benefits

- Compare performance across a broad set of data that provides benchmarks and comparative insights into treatment models and their outcomes.
- Achieve efficient value-based outcomes by stratifying patients and members and allocating appropriate care coordination and care management resources.
- Attain a rich understanding of resource load through severity adjustment of provider and practice panel sizes by accounting for the illness burden.
- Choose from a wide range of risk models to help meet your organization's objectives to optimize reimbursement.
- Meet the needs of a variety of internal stakeholders by providing descriptive analytics, as well as the ability to perform flexible, ad-hoc analysis.

Turning big data into actionable advantages

IBM Risk and Contract Management solutions integrate clinical and claims data so organizations can understand risk stratification of patients and mitigate risk across populations in value-based care programs to optimize reimbursement. Using the platform's risk models, healthcare organizations are able to evaluate readmissions, ER visits, and much more.

About IBM Watson Health

In April 2015, IBM launched IBM Watson Health and the Watson Health Cloud platform. The new unit will work with doctors, researchers and insurers to help them innovate by surfacing insights from the massive amount of personal health data being created and shared daily. The Watson Health Cloud can mask patient identities and allow for information to be shared and combined with a dynamic and constantly growing aggregated view of clinical, research and social health data.

For more information on IBM Watson Health, visit:
ibm.com/watsonhealth.

Footnotes

1 Watson Health(TM) whitepaper, "IBM Explorays Risk Model", <http://www.ibm.com/common/ssi/cgi-bin/>

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