

lumiatata

Your data illuminated.

Lumiata has created more than 100 healthcare specific prediction models to support intelligent health analytics. These insights can be leveraged across financial, clinical, and operational areas for improved risk awareness and cost management in healthcare organizations.

Lumiata models can be applied to diagnosis, procedure, lab and pharmacy data. Your predictive analytics can go beyond traditional claims-based risk scores to accurately **identify patients that are likely to incur high costs, suffer from the onset of diseases or need acute medical intervention in the future.** These insights can be leveraged across financial, clinical, and operational areas for improved risk awareness and cost management in healthcare organizations.

By flagging potential high-cost members and patients, healthcare organizations can focus on patients that could benefit most from earlier, more targeted interventions. Recognizing that a relatively small percentage of patients drive healthcare spending, better care coordination, and management, along with sustainable cost-containment strategies, **will lead to better outcomes and a reduction of overall healthcare costs.**





Our most popular models include:

High-Cost Patient/Member

Cost Bloomers

Group Cost

Total Risk

Total Utilization

Rules-Based and Statistical:

- Diagnosis
 - Pharmacy
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Disease Onset (Acute and Chronic):

- Acute Stroke Hemorrhagic
- Acute Stroke Infarction
- Alcohol Dependence Syndrome
- Angina Pectoris
- Asthma
- Atrial Fibrillation
- Bipolar Disorder
- Chronic Kidney Disease
- Congestive Heart Failure
- COPD
- Coronary Artery Disease
- Dementia
- Depression

- Diabetes Type 2
 - Myocardial Infarction
 - Obesity
 - Obstructive Sleep Apnea
 - Peripheral Artery Disease
 - Primary Hypertension
 - Rheumatoid Arthritis
 - Secondary Hypertension
 - Tobacco Dependence Syndrome
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Medical Event (Monthly up to 12 months)

- Need for Back Surgery
 - Need for Coronary Artery Bypass Grafting
 - Need for Hip Replacement Surgery
 - Need for Knee Replacement Surgery
 - ED Visits
 - High-Frequency ED Use
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Hospital Admission

Hospital Readmission

Length of Stay

Preventable Hospitalizations

Stop-Loss

Request a demo

Start to identify at-risk patients, target interventions, and improve financial, clinical, and operational outcomes.



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