certilytics

All CORE® Condition Model

AI-driven insights to predict future risk and opportunities at the individual level.

Certilytics has pushed the boundaries on how AI-driven approaches can create powerful analytics assets for healthcare organizations since Day 1.

We initially built our proprietary CORE® Clinical Episode Grouper to organize disparate data sets and create a comprehensive view of an individual's healthcare journey — from diagnostic to utilization and therapeutic history.

But, we didn't stop there.

Today, our **All CORE® Condition (ACC) Model** library of 1,000+ clinical, financial and behavioral models leverage generative pre-training to predict future outcomes at the individual level. This helps to identify future risk and opportunities to improve financial and health outcomes.

How You Can Use the All CORE® Condition Model

▶ Risk Stratification & Outreach Prioritization

▶ Population Health Management Strategies

▶ Clinical Resource Allocation

AI-driven Predictive Analytics for Healthcare

How Does it Work?

▶ The ACC is a single deep learning model that has learned to predict five outcomes for each of the 432 CORE® condition categories at the member level — diagnosis, relative cost, ER visit, surgery, and inpatient admission

▶ They are rolled up to the member level to predict overall risk and utilization

▶ The single model can make over 1,000 accurate predictions — identifying virtually every potential modifiable member outcome

▶ Unlike other risk prediction models, it calculates an opportunity value in dollars to assess not only clinical risk but financial risk and opportunity

Example Opportunities for a Member with Diabetes

Component	Type	Risk	Opportunity
CAD	Disease progression	High	$4,913
Peripheral artery disease	Disease progression	High	$1,238
Retinopathy	Disease progression	Med	$720
CKD	Disease progression	Low	$674
Financial risk	Utilization	High	-
ER visit	Utilization	High	$3,572
Surgery	Utilization	Low	$511
Inpatient admission	Utilization	Med	$8,996
Diabetes medication adherence	Quality measure	Med	$737
Statin medication adherence	Quality measure	High	$465
A1C control	Quality measure	Med	$883
Overall		**High**	**$22,709**

Are you ready to use AI-driven approaches to predict future risk and opportunities for lowering costs and improving outcomes?

MEET WITH OUR TEAM TODAY!

Learn More

Explore how our AI-driven solutions are helping make healthcare more efficient and affordable at **certilytics.com**

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