BrainstormAI Model Library

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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