

Foundational Healthcare AI Models

Unsupervised pre-training with GPT yields generative data representations for broad healthcare predictions.

► Our Approach

For 10 years Certilytics has been an innovator in the use of AI-driven modeling techniques to maximize the value of large data sets to deliver predictive analytics to leading healthcare organizations.

Foundational to all of our AI-centered predictive analytics is our **generative pre-training clinical modeling technology**, which leverages **natural language processing (NLP)** techniques and **deep learning** to translate complex medical history data into a machine learning feature space primed for learning.

Certilytics' AI modeling technology has many advantages, including:

- Fully automated, ML-driven data representations that require no feature engineering
- True integration across data domains, including structured and unstructured data, into a single framework
- Robustness to incomplete data
- Compression of data dimensionality—over 99.9% without loss of performance; think 250,000+ medical codes compressed to 250 deep features
- The power of large data sets to specific problems where data may be more limited
- Options for utilizing Certilytics' Foundational Healthcare AI Models
- Partner with Certilytics to use these foundational models to deliver predictive insights as a part of the Healthcare Data & Prediction Platform
- Purchase and license the foundational AI models to feed your own internal model development

About Us

An AI-driven Predictive Analytics Solution Built for Healthcare

Certilytics has been developing and deploying AI models to production since 2014. Our GenAI and deep learning technologies are helping healthcare organizations turn their data into powerful analytic assets.

Customers trust us because we have a tested and proven process for developing AI models.

Unrivaled Predictive Modeling in Production

67 billion scores

1,000+ healthcare models

2 weeks to create new
custom models for customers

Uncovering Powerful Insights

\$10B in savings identified

2.4x increase in engagement

\$200 PMPY in savings

To learn more about our AI modeling approach
and technology meet with our team today!



Learn More

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