By 2026, the global NLP healthcare market size will be $4.3 Bn

Use of predictive analytics to reduce patient risks is accelerating NLP adoption in healthcare

Gramener
Insights as Stories

Benefits of Natural Language Processing (NLP) for the Healthcare Industry

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Improves communication between patient & healthcare provider

By breaking down complex medical terms, NLP helps patients understand their diagnoses better. Doctors use NLP to prescribe medicines instead of typing/writing.

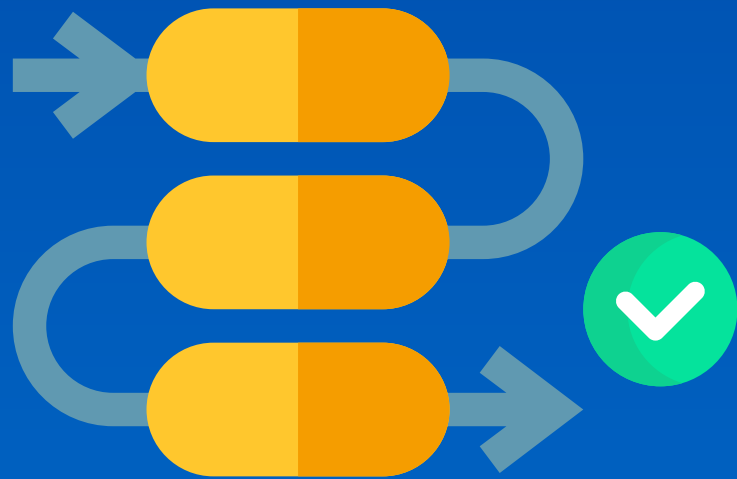# Helps physicians prescribe the best course of action

Intelligent Clinical Decision Support (CDS) systems, enabled by NLP, combine patients' medical history with the latest research to help physicians prescribe the best course of action.

Fast & effortless way to process health data

Medical professionals can use NLP to automate data management tasks & save time, allowing them to attend to more complex issues.

Streamline the doctor-appointment process

NLP-enabled chatbots can book doctor appointments & answer healthcare-related queries, streamlining the reservation process.

Round-the-clock patient care

First-aid virtual assistants offer 24/7 healthcare services to patients, making help more accessible to those who need it the most.

Confidentiality & privacy

Patients suffering from taboo illnesses such as mental health issues may prefer sharing their problems with an NLP-enabled bot than humans.
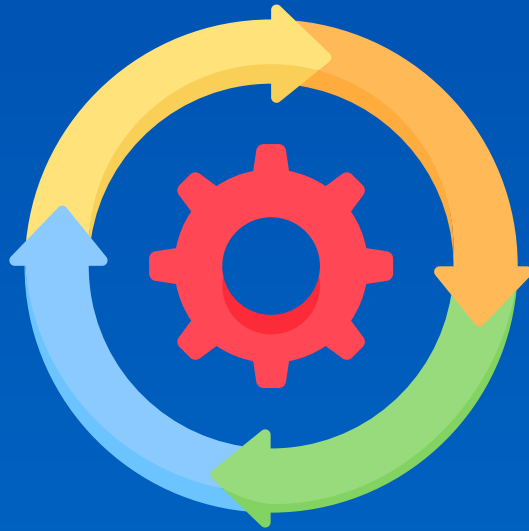
Accelerates clinical trials & new drug development

Combined with ML-based solutions, NLP can be used to analyze big data, extract new insights & reduce time for drug development & clinical trials.

Preemptive action

NLP can complement tools like social media tracking & automated literature mining to detect negative reviews of new medicines, enabling preventive measures before it's too late.

Improve clinical documentation

Using formulated data entry & speech-to-text dictation, NLP accelerates data extraction from EHR, allowing physicians to focus on patient care & keeping clinical documentation updated & accurate.

Clinical trial matching

NLP can accelerate the review of unstructured patient data to identify suitable candidates for trials, allowing in-need patients access to life-saving experimental care & supporting innovation.

Explore Gramener's NLP based solutions

🌐 bit.ly/pharmanlpbenefits

Schedule a demo

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