

## FEATURED PROJECTS

# Clinical Trial Screening With AI

## About

Collaborating with a leading pharmaceutical company, our team leveraged cutting-edge AI technologies to revolutionize clinical trial screening. This initiative was aimed to streamline and accelerate patient selection for trials while ensuring precise matching of candidates with study criteria.

**INDUSTRY:**

Pharma

**LOCATION:**

Europe

**TEAM SIZE:**1 Project Manager,  
2 AI Engineers,  
1 Developer**TECHNOLOGIES:**

AI Predictive Models

## Project Overview

**Natural Language Processing (NLP):** We implemented advanced NLP algorithms to analyze vast volumes of unstructured medical records, extracting relevant information such as patient demographics, medical history, and eligibility criteria.

**Predictive Modeling:** Our AI models employ predictive analytics to assess patient characteristics against trial requirements. This involved the development of a robust predictive model using machine learning algorithms, allowing for real-time predictions of patient eligibility.

**Semantic Interoperability:** To overcome data silos and ensure seamless integration with various healthcare systems, we implemented semantic interoperability. This enabled the AI system to understand and interpret diverse data formats and standards, fostering efficient data exchange.

## Results

The screening process automation led to cost savings, minimizing manual efforts. Also, the integration of advanced technical solutions optimized the patient recruitment process.