Early Identification of rare disease patients for a Global Pharma Company

The Background

Given the lack of awareness and treatment options, **rare diseases** are often misdiagnosed or diagnosed with prolonged delays - or, in the worst cases, remain undiagnosed. This leads to unnecessary deterioration of patient health and avoidable loss of life.

Our client wanted to identify rare disease patients at early stages to address unmet medical needs while improving quality of life and life expectancy.

Key Challenges

HCPs' ability

to identify rare diseases in early stages is limited as these diseases are not part of routine screenings (performed during wellness visits)

Patients suffering from rare diseases

present themselves with advanced symptoms after misdiagnosed treatments (or self-medications)

Our Solution

End-to-End AI/ML Solution: Find the right patients and link to right HCPs for the right treatment

Cohort Creation: Create patient cohorts based on inclusion and exclusion criteria

Patient Profile: Review medical history of confirmed patients

Modeling: Predictive modelling leveraging advanced AI/ML techniques

Predicted Patient Identification: Apply the trained model to identify potential patients

HCP Target List Generation: Link potential patients to relevant physicians

Value Delivered

72 % of rare disease patients were identified correctly and earlier than current clinical approaches

1% of new undiagnosed patients were identified with high likelihood of rare disease

About Us

Tiger Analytics is a global leader in AI and analytics, helping Fortune 1000 companies solve their toughest challenges. We offer full-stack AI and analytics services & solutions to help businesses achieve real outcomes and value at scale. We are on a mission to push the boundaries of what AI and analytics can do to help enterprises navigate uncertainty and move forward decisively. Our purpose is to provide certainty to shape a better tomorrow.

Being a recipient of multiple industry awards and recognitions, we have 4000+ technologists and consultants, working from multiple cities in 5 continents.
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