The Client

The client provides services to healthcare providers by managing their end-to-end revenue cycle. They provide medical coding, insurance claims and receipt management services.

Revenue Cycle Flowing Along Smoothly, Leaks Reduced by Minimizing Missing Codes

Business Requirement

The client was at risk of losing a significant percentage of gross revenues because of leaks, gaps and undetected errors such as missing codes and charges. Improper coding also meant that there was a greater chance of claim denials, leading to a loss in revenue for the client. The client wanted a solution that could identify and plug leaks in the revenue cycle.

Beyond Possible

Organizations today face the risk of losing a significant percentage of gross revenues because of leaks, gaps and undetected errors in their business processes. Even a 5% loss could keep companies from actively achieving their revenue goals. Our tool helps clients maintain their profitability and efficiency by enabling a smoother revenue cycle.

ApexonHealth's Solution

- The ApexonHealth team used the history of the transaction to create a mathematical model which could predict the missing CPT codes for each claim.
- The solution alerted the client about the missing data, and recommended a list of CPTs to be included.
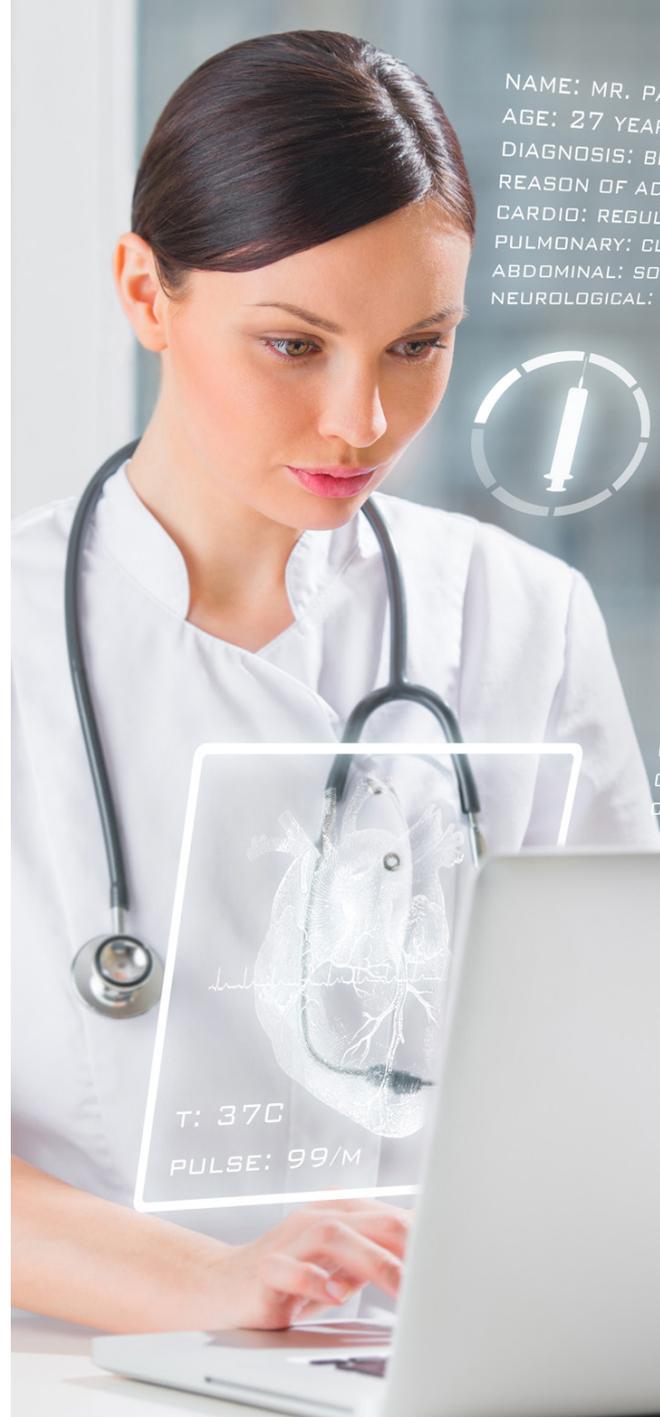
Business Benefits

- Increased revenue by optimizing reimbursements through more accurate coding.
- Made the claims process more accurate.

Tools and Technologies

- Open Source R software.

The algorithms applied include:

- Association Mining.
- Clustering (Euclidian Distance).
- Classification (Support Vector Machines, Decision Trees).

About **ApexonHealth**

ApexonHealth helps Providers, Payers, and other healthcare organizations harness the power of AI-technologies. This drives reduced costs, better cash flow, and increased customer satisfaction. ApexonHealth's Newton AI platform integrates machine learning, Robotic Process Automation, and Business Process Management. Solutions let customers modernize their back-office without the need for costly system integration.

Headquartered in Southfield, MI, ApexonHealth is the healthcare division of Technosoft Corp. The company has 14+ years of healthcare experience and 6 global delivery centers in the US and India. More than 80 healthcare organizations trust ApexonHealth. ApexonHealth is a member of HFMA, HBMA, AHIMA, AAHAM, AAPC, MGMA, AHIP and CISA. To learn more, visit Apexonhealth.com.

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