Azure Synapse Claim Fraud Analytics solution – AI ML

By Unlimited Innovations India Private Limited (UIIPL)

(a *wholly owned subsidiary company of UB Technology Innovations*)
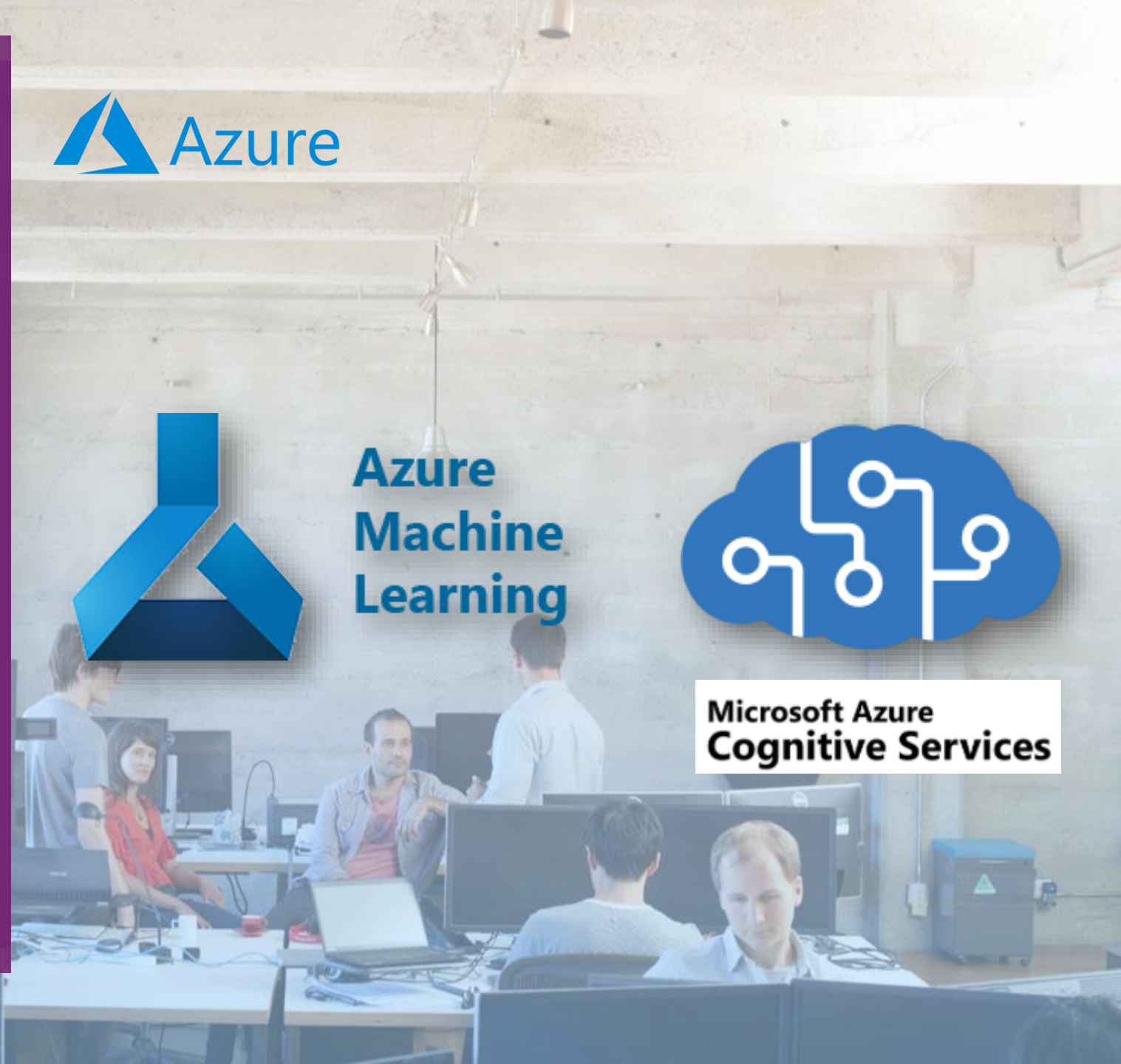
Claim Fraud Analytics using AI ML Services | Use-case Briefing

BUSINESS USE CASE

➢ Read and adjudicate huge No. of Medical Documents

➢ Read Medical Documents in Different Languages

➢ Reading and finding Business critical parameters like Alcoholic

➢ Find Fraud Patterns which cannot be identified by human intelligence or methods

➢ Find Procedures which are not related or required to be done for specific diagnosis

➢ Time Required for Manual verification takes several months

BUSINESS SOLUTION THOUGHT PROCESS

➢ Identifying suspected Fraudulent Claims from Medical Documents

➢ Read the Medical Records in different languages and identify more fraud claims

➢ With Machine learning capabilities detect the unidentifiable Claim Fraud patterns

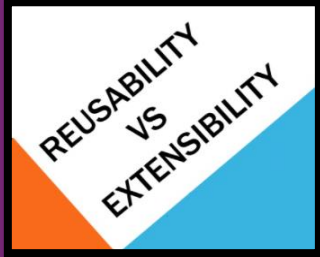➢ Reduce Identification time from Months to minutes

Claim Fraud Analytics using AI ML Services - Solution Benefits

High Business Value :

Find 1 claim fraud pattern which cannot be identified by human intelligence can save several lakhs

Many Fraud Claims can be Identified by Validating all Medical documents

Reusability : Claims data from any Insurance Companies or TPA's can be added pushed into framework and configured.

Extensibility: It is build as a framework, so additional AI and ML capabilities can be added in this design. We have added Power Platform capabilities for actionable intelligence.

Consumer Perspective : They see the Fraud Claim Reports and take actions of Approval/Rejection using the Actionable Intelligence of Power Platform

Developer Perspective: Ease of Implementation & Maintenance using the limitless AI ML Cognitive services capabilities.

Market Readiness : It is the need of the hour for the health insurance industry. Once the solution is build it is a ready to buy solution

All level of Security Features are implemented right from Network Security to Authentication, Access Control and data protection

Fully Reliability since all the processes like Reading medical records and identifying specific texts like alcohol are all proven outputs
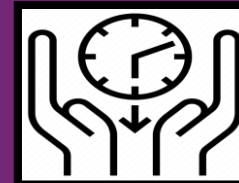
Reliability, Security, Accountability , Fairness, and other aspects of Responsible AI are taken care

To Increase performance ML processes are computed with separate Data Bricks components

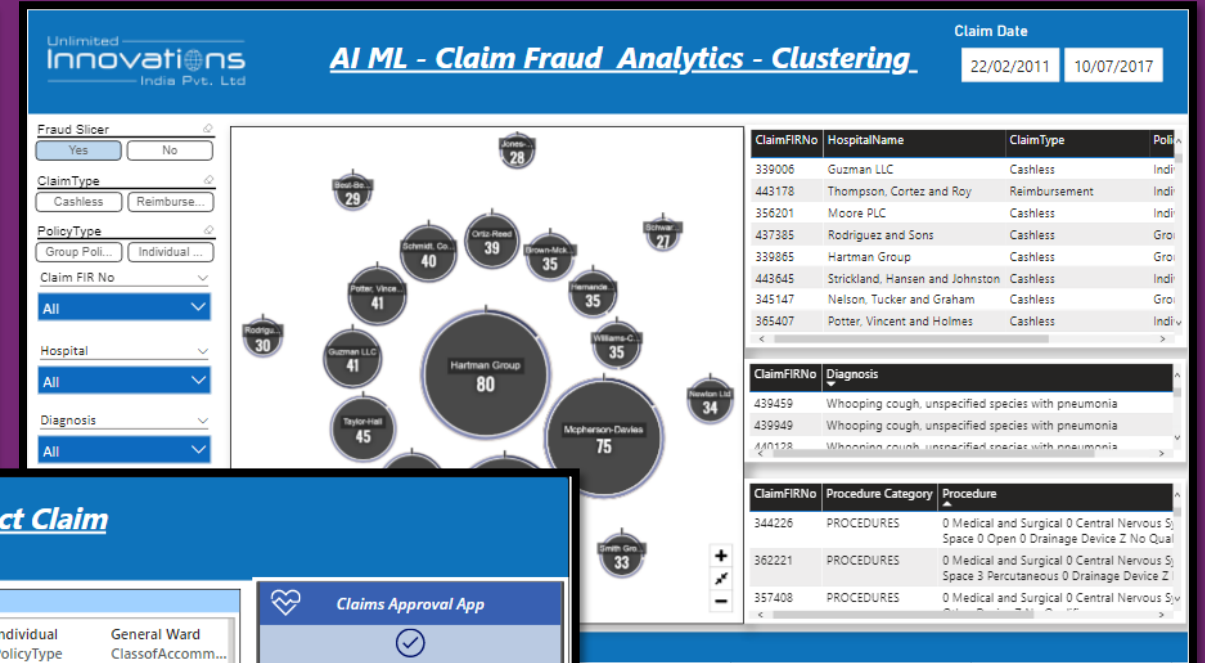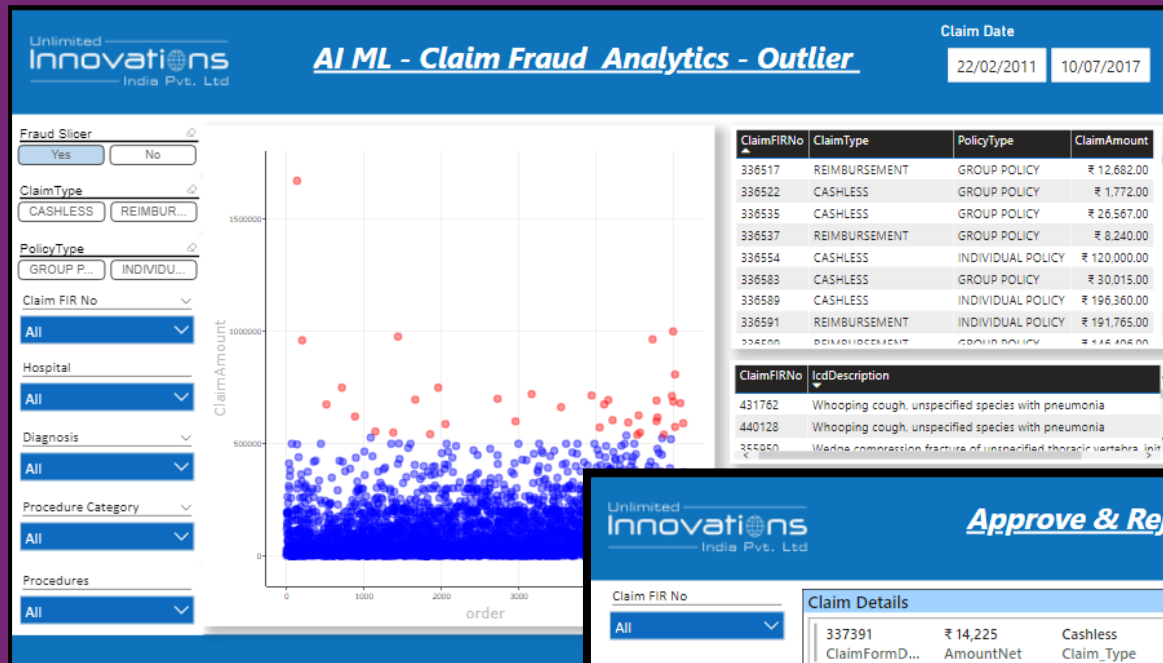With Power Platforms Actionable Intelligence Operational Excellence is fully attained

Reduce the months of efforts into minutes

Above all the customers will get better Healthcare benefits with less expensive insurance because of fraud claims reduction.

Claim Fraud Analytics using AI ML Cognitive Services - Fraud Identification Reports