



- Gazelle is ISO 9001:2015 Quality certified
- Awarded by S&DC Executive Magazine, USA
- Supply chain “Pro to Know Award”
- Awarded best AI research by AICRA



Gazelle Information Technologies

**Artificial Intelligence  
Capability**

[www.gazelle.in](http://www.gazelle.in)

*Your key to unlocking value in the  
value chain*



Founded in 2009 to help customer's maximise strategic value of their Finance, supply chain, sales and manufacturing operations, leveraging enterprise software

## Global Presence



United States, Middle East, India

\*ISO:9001; ISO 10002 ; ISO 27001 Certified . \*Awarded Supply Chain Consulting Provider Award by Supply & Demand Chain Executive Magazine USA \*Our Customer's projects regularly feature in Global Top 100 annual Awards \* Subject matter speakers and moderators in various Supply Chain Seminars



30

Accelerators ,Connectors & Solutions



40+

Experienced Pool of Sr. & experienced skilled development and deep tech Professionals



Awards & Accolades



Partners



# Gazelle'S AI STRATEGY



## AI WORKSHOP

Discover and Review AI capabilities and define priorities and success factors to generate AI/ ML use cases to address key business pain points. i.e. Use cases prioritization, AI solutions design thinking.



## QUICK WINS

Identifying quick wins by Proof of Concepts to demonstrate potential capabilities of AI/ ML using real outcomes to solve real problems.



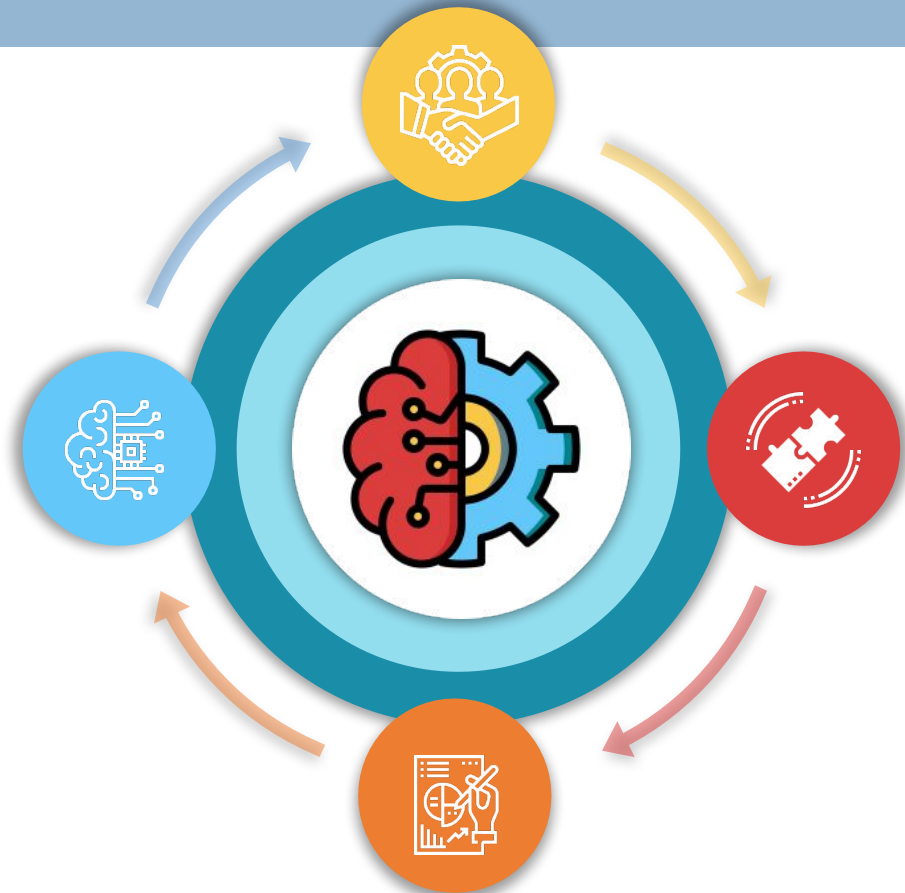
## DATA STRATEGY

Define required data sources and data mining, preparation, and refinement activities i.e. Data Cleansing, Data Lakes, Data Governance and Data Management.



## AI IMPLEMENTATION

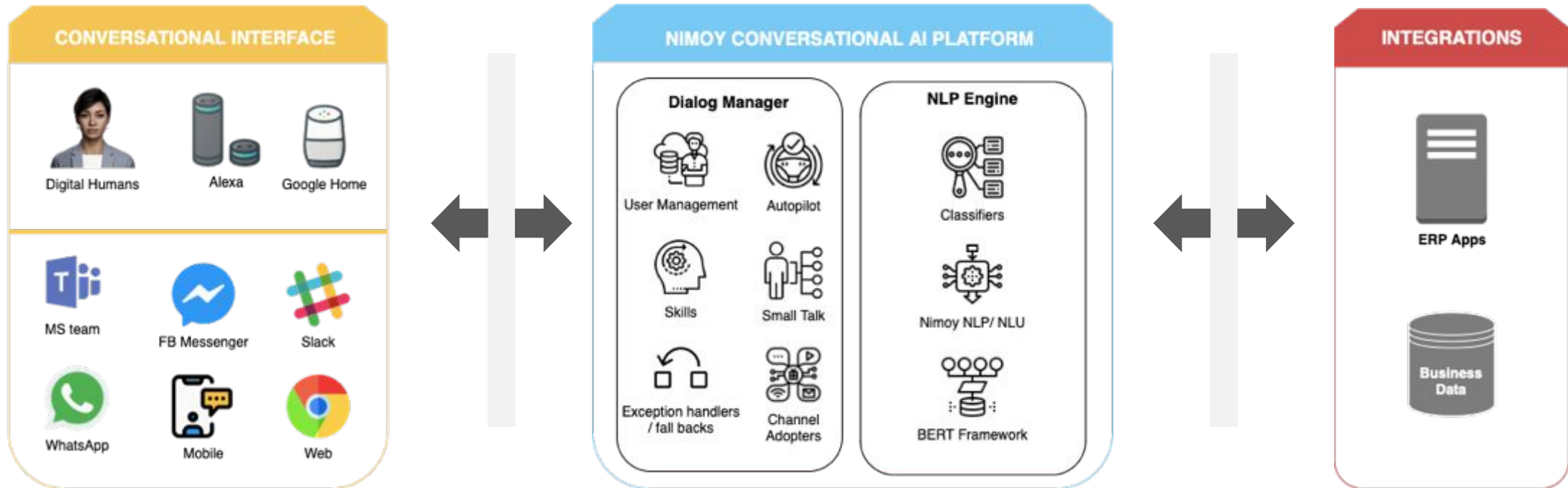
AI strategy implementation by adopting AI best practices to build, deploy, and operate AI/ML solutions at scale



# Gazelle CONVERSATIONAL AI

## PLATFORM

Gazelle Conversation AI Platform helps enterprises to automate conversations at scale between people and organizations and transform the way people buy and use products & services in a multi-experience world.



- ◆ **BOT Builder** – Design, Manage stories, API integration & Test
- ◆ **Channels** – In-App , Facebook messenger, Email...etc
- ◆ **BOT Analytics** - dashboard & reports
- ◆ **BOT Manager** - Helps manage framework for better interactions

- ◆ **ML Models** - Intent & Entity recognition, Sentiment Analysis
- ◆ **Comprehension Model** – Extraction of knowledge from unstructured data
- ◆ **Computer Vision** - Image tagging & classification, Data extraction
- ◆ **Training / Learning** – Evolve from every interaction

# COMPUTER VISION SERVICES

Gazelle's Custom Computer Vision solutions on Text-Image-Video Analytics helps Enterprises to gain actionable insights from Images, Videos and to increase business efficiency.

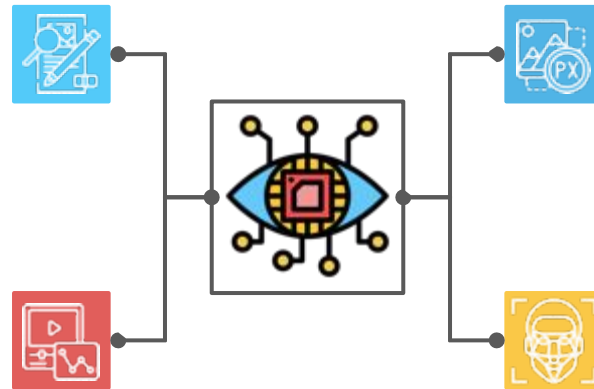
Our API offers powerful pre-trained machine learning models through REST APIs. They quickly classify them into predefined categories. Detect objects, read printed text, and build valuable metadata.

## TEXT ANALYTICS

Text Analytics involves Identification of text, Sentence Tokenization and extracting hidden information inside text data through pattern recognition.

## VIDEO ANALYTICS

Fully Managed Video Analytics Solutions for Object, Scene, and Activity Detection, Facial Recognition, and Gesture Recognition.



## IMAGE ANALYTICS

Image Analytics Solution offerings for Revealing relevant insights by accurately recognizing objects in images and videos. Image Classification and Processing Services for Building in-depth analysis by placing image objects into appropriate segments.

## FACE RECOGNITION

Face Recognizer for Automatically generating a log of personalities in a picture which can be utilized for legal inquiries and presenting real-time signals upon recognizing uncommon faces in the scene.



# OUR AI FIRST SERVICES PORTFOLIO

Since inception, we have successfully implemented comprehensive Data solutions across Retail, FMCG & Manufacturing industries.

## Data Engineering

Build ingestion streams to capture data from disparate data sources

## Data Analytics

Build, train, test & deploy Segmentation, Predictive & Prescriptive models



## Data Management

Build & Deploy APIs, API management & metering

## Data Visualization

Design dashboard screens and serve Business insights



# AI/ ML SERVICES

Our team can help our client to implement Machine & Deep Learning solutions in production, offers Expertise in implementing Artificial Neural Network, Convolutional Neural Network, LSTM and Recurrent Neural Network. Custom solutions to run Machine & Deep Learning models on cloud with GPUs.



## **MACHINE & DEEP LEARNING**

Provide Expertise in Supervised and Un-Supervised machine learning models



## **NATURAL LANGUAGE PROCESSING**

Provide custom solution on Natural Language processing including Name Entity recognition, Sentimental Analysis, Comprehension analysis.



## **COMPUTER VISION**

Acquiring, processing understanding and analysing image and video data to draw out key insights for your business.



## **DATA ANALYTICS**

We work towards connecting your data to your business goals, meeting the latest trends and patterns simultaneously.



# DATA ANALYTICS SOLUTIONS

**Data analysis** is **important** in business to understand problems facing an organization, and to explore **data** in meaningful ways. **Data** in itself is merely facts and figures. **Data analysis** organizes, interprets, structures and presents the **data** into useful information that provides context for the **data**.

## Sales Analytics

Predictive Forecasting Lead Scoring and Prioritization Expert Recommendations Performance and Productivity Enhancement

## Law & Order tools

CCTV Feed Analysis Real time alerts

## Maintenance Analytics

Plan early Maintenance costs Early Prediction of forthcoming incidents Reduce incident investigation time



## Medical Devices Analytics

Promotional Spend Compliance Service Analytics for Medical Devices Assets Predictive Analytics Social Media Intelligence/Analytics

## BFSI Analytics

Fraud detection Credit Risk modeling Customer life value Claims prediction

## Manufacturing Analytics

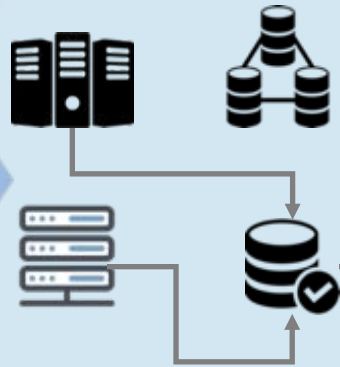
Predicting Potential Problems Monitoring Systems Automating Manufacturing units Maintenance scheduling Anomaly detection





# OUR SOLUTION FRAMEWORK

## Data Engineering



- Ingest
- Collate
- Cleanse
- Transform

## Data Management



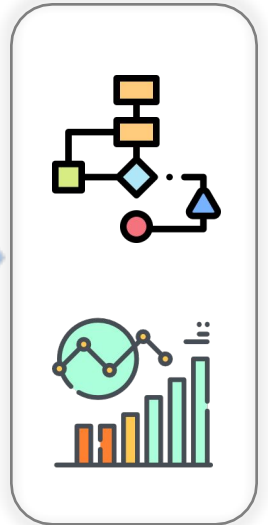
- Enrich
- Govern
- Build APIs
- Serve

## Data Analytics / Model



- Analyze
- Score
- Predict
- Prescribe

## Model Automation / Visualization



- Decipher
- Design
- Configure
- Visualize



# OUR AI STACK

## AI Tech Stack



## AI Services



## Data Engineering



## Visualization Tools



## Development stack

