

The background features a modern architectural scene with a building having a curved facade and large glass windows. The sky is clear and blue.

ARATECH CONSULTING

Company Profile



Aratech Consulting is a Ahmedabad based company with a history of delivering world-class digital IT Services since 2021 to multiple fortune companies. Our global delivery network has an employee strength of close to 300 with worldwide presence in geographies like North America, Europe and Asia-pacific.



Vision

To create a digital environment for customers to achieve their business objectives by providing state-of-the-art, best-in-class consulting, digital solutions and services to all stakeholders



Mission

Will be the top digital technology firm by 2030 delivering solutions to ease business for fortune 1000 companies



Core Competencies



Certified Consultants &
Domain Experts



Cognitive intelligence,
automation and BPM services



Architected with Customer
Experience



Agile & DevOps Culture



Investments in New &
Innovative Technologies



Digital Transformation
Execution Experience



World Class Center of
Excellence Labs



Customized for industries



Quality at Speed



Global Network Delivery
Model



Key Service Offerings

Services						
Categories	Advanced Analytics	Intelligence Automation	Internet of Things	Enterprise Applications	Cloud Services	Extended Workbench
Services/ Technologies offerings	<ul style="list-style-type: none"> ▪ Big Data Services ▪ Advance Analytics ▪ Machine Learning ▪ Data Integrations ▪ BI Solutions ▪ Data Science Services 	<ul style="list-style-type: none"> ▪ RPA ▪ Cognitive RPA ▪ AI Analytics 	<ul style="list-style-type: none"> ▪ Connected Devices ▪ Industry 4.0 ▪ Managed Services 	<ul style="list-style-type: none"> ▪ SAP ▪ Oracle ▪ SFDC ▪ ERP 	<ul style="list-style-type: none"> ▪ Infrastructure and applications services (Microsvcs, apps, API) ▪ Cloud Hosting ▪ Cloud Migration 	<ul style="list-style-type: none"> ▪ Resources and competencies deployment
Differentiators			<ul style="list-style-type: none"> ▪ SME ▪ 24*7 Support ▪ Faster deployment ▪ Measurable success criteria 			<ul style="list-style-type: none"> ▪ Expert Delivery Team ▪ In-house capability ▪ Faster deployment
Key Advantages	<ul style="list-style-type: none"> ▪ Cost savings ▪ Real-time Analysis ▪ Faster time to market ▪ New revenue segment 	<ul style="list-style-type: none"> ▪ Cost savings ▪ Speed & Productivity ▪ Accuracy & Compliance ▪ Scalability & Flexibility ▪ Sales growth 		<ul style="list-style-type: none"> ▪ Cost savings ▪ Faster time to market ▪ New Market Growth 		<ul style="list-style-type: none"> ▪ Cost savings ▪ Scalable & Flexible ▪ Operational Efficiency

Engagement Models

		Pricing Model
Agile Model	<ul style="list-style-type: none">Will measure the project efforts -the resources and time can not be measured upfront.Changes to the requirements can be made easily.	Co-Managed Model <ul style="list-style-type: none">Project Management will be both client and Aratech Consulting's responsibility. Aratech Consulting's Managed Model <ul style="list-style-type: none">Project Management will be the whole responsibility of Aratech Consulting.
Waterfall Model	<ul style="list-style-type: none">Offer dedicated services to the clients as per the scope of the opportunityIn this case, Scope and deliverables are clearly defined.Offer phase-wise delivery and tight-up with the scheduled milestones.	Co-Managed Model <ul style="list-style-type: none">Project Management will be both client and Aratech Consulting's responsibility Aratech's Managed Model <ul style="list-style-type: none">Project Management will be the whole responsibility of Aratech Consulting's .
Build-Operate-Transfer (BOT)	<ul style="list-style-type: none">Based on the client requirement, right resources will be hired and set-up infrastructure (Offshore Development Centre) and follow our own procedures.Resource deployed are fully dedicated to the project-reduces operational risks of the client.Project Management will be Aratech Consulting's responsibility	Fixed Pricing Model
Managed Services Model	<ul style="list-style-type: none">We also provide services under managed services modelClient fully outsources to develop, maintain and support their one or several functionsAratech Consulting holds the responsibility of managing those functions and responsible to improve the performance thereby cutting the expenses of the client.	Fixed Pricing
Staff Augmentation (Extended Workbench)	Dedicated Team Deployment <ul style="list-style-type: none">Aratech Consulting deploys a dedicated team of resources to our clients based on the requirements.The team structure will be as per the expertise required	Shared Services Model <ul style="list-style-type: none">Resources can work on multiple projects/ accounts and work on efforts sharing basisThis lowers the cost of the client Team Effort Mix will be as per the availability and/ or requirementProject Management will be both client and Aratech Consulting's responsibility.
Hybrid Model	<ul style="list-style-type: none">Under Hybrid model, combination of two or more models are adapted to deliver the client requirementsThis may include the combination of consulting work and development/ deployment/ implementation activities	Time and Material Fixed Pricing/ T&M

Industries Served & Client Base



20%+ Revenue Growth



Highly Profitable organization growing with CAGR of ~15% from past years



5+ Active Clients



2+ of Global 2000+ resources companies



Clients across NAM, EU, EMEA & APAC

Aratech Consulting has catered various industries over a Period – key sectors include the following

- Banking & Financial Services
- Healthcare & Pharmaceuticals
- Manufacturing & Logistics
- Telecom and IT
- Retail and Consumer Goods
- Insurance
- Travel, Hospitality, & Transportation
- Energy & Utilities

Our Client Base



Capacity and Vertical breakup

Cloud Capability

Cloud Capability

Migration & Automation Tool		Strategy & Consulting	Discovery Services	Design & Build	Operate
RDBMS		<ul style="list-style-type: none"> Define Strategy Assess Current State/IT Landscape Conduct Portfolio Disposition Analysis Determine Target State Create Business Case Develop Transformation 	<ul style="list-style-type: none"> Infrastructure and Application Discovery Application Code Scan Operations, Security & Compliance Discovery Common repository 	<ul style="list-style-type: none"> Architect to Hybrid Cloud Migration to Multi Cloud DevOps Security Plugins Auto Scaling Cloud-native / microservices 	<ul style="list-style-type: none"> Monitoring Logging Self Healing Patching Security Database Support 24/7 Service Management Cost Optimization SLA
Programming Languages					
Partnerships					

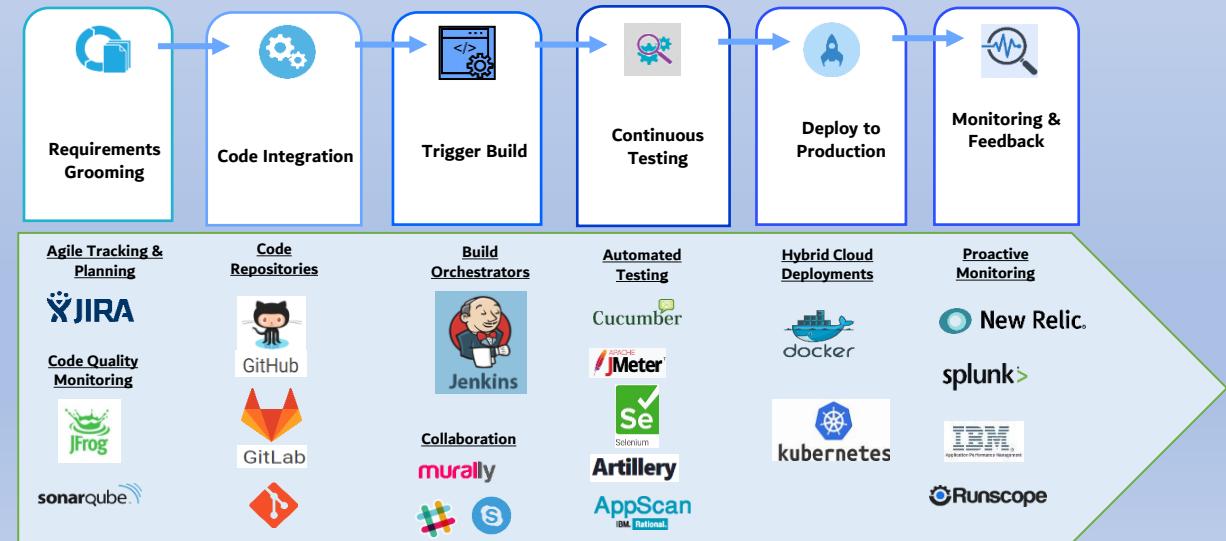
Differentiators

- Full lifecycle – from strategy to implementation
- Tools to Accelerate
- Proven Approach
- Strategic Partnership
- Access to expertise
- Supplier Agnostic

Capacity

- 20+ Partner consultants

Agile & DevOps for Hybrid Cloud



Cloud Competencies

AWS Competencies



AWS Competencies

- DevOps Consulting Competency
- AWS Migration Competency
- AWS Container Competency
- AWS Storage Competency
- AWS Networking Competency
- AWS Security Competency
- Microsoft Workloads Consulting Competency



Our Partner Programs

- Authorized Commercial Reseller
- AWS Public Sector Partner
- AWS Solution Provider Program
- Well Architected



AWS Service Validations

- Amazon API Gateway Delivery
- AWS Database Migration Service Delivery
- AWS Lambda Delivery
- AWS WAF Delivery
- Amazon EC2 for Windows Server Delivery



Applications and Infrastructure

- Application Development
- Application Integration
- Cloud Platform



Modern Workplace and Security

- Small & Middle market Cloud Solution
- Security

Microsoft Competencies

Our partners are Silver and Gold Certified partners

SAP Capability



SAP Technical & Functional Services

- Exceptionally excellent technical service Team, that works efficiently to handle all the Technical needs that arise at your organization
- We Offer efficient Functional Services as it is necessary track Your company's system and keep it upgraded so as to have it function well



SAP S/4 HANA

- Plan Your resources systematically by having your business database well secured , stored and maintained through S4 HANA and accelerate your expertise



SAP BI/BO

- HANA solution developed to analyze enterprise data for your growth and benefit through analytics and reporting



SAP Implementation, Rollout upgrade & Support

- SAP solution provider supported by SAP Center of Excellence to offer you implementation, rollout upgrade, and support solutions efficiently to augment your business.

Analytics Capability

Big Data Services

- Big data analytics
- Infrastructure
- Dashboards & Visualizations
- Application Development

Advance Analytics

- Prescriptive
- Predictive
- Diagnostics
- Descriptive

Machine Learning

- Computer Vision
- Natural Language Processing (NLP)/(NLU)
- Speech to Text (STT)/TTS

Data Integration

- ETL
- Data Quality
- Data Modelling
- MDM
- Data Integration

BI Solutions

- Dashboard
- Reporting
- Service Delivery

Data Science

- Cognitive Customer Analytics
- Enterprise Operations Analytics

Technology Expertise

ETL Tool	 ORACLE   
RDBMS	 ORACLE 
Programming Languages	      
Extraction Methodologies	 ETL Tools  Web Crawlers  Stored Procedures
Analytics	   
Data Visualization	    
Big Data	      
Cloud Technologies	  
Partnerships	     

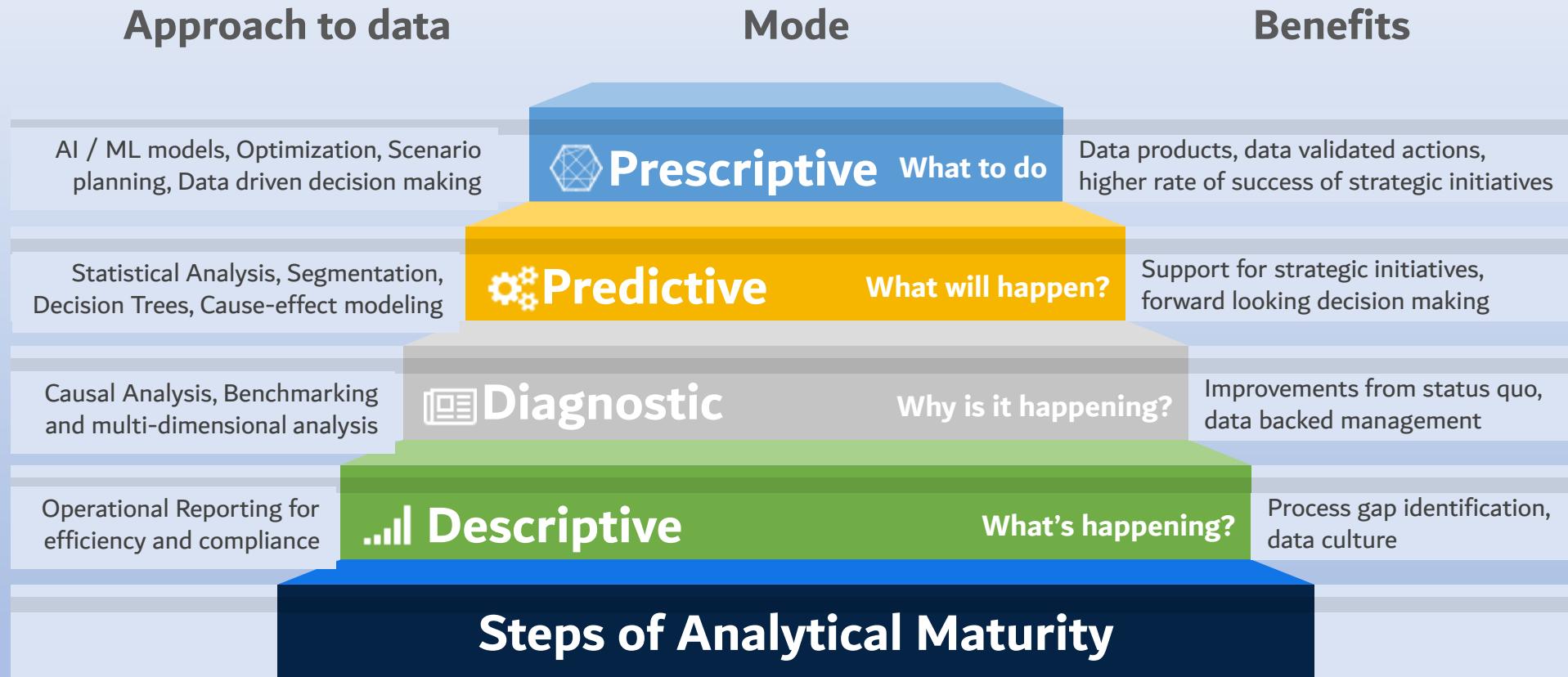
Differentiators

- Core capability in AI/ML/Big Data/DS/DL/NLP
- Technology expertise
- Expertise in Agile/Devops, CoE labs, SMEs
- End-to-End service offerings
- Consulting engagement

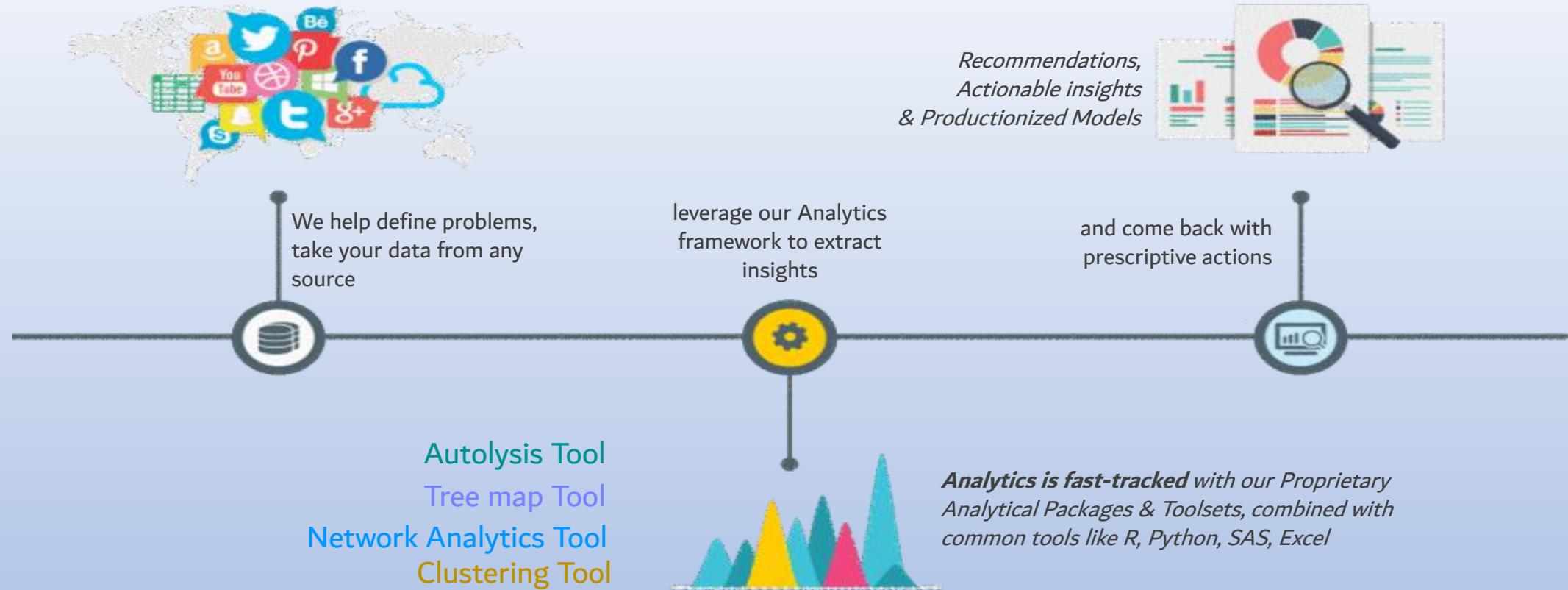
Capacity

- Partnership with OEMs and analytics industry experts
- 400 consultants
- Strong Use cases in BFSI & manufacturing

Move your business up in Analytical Maturity



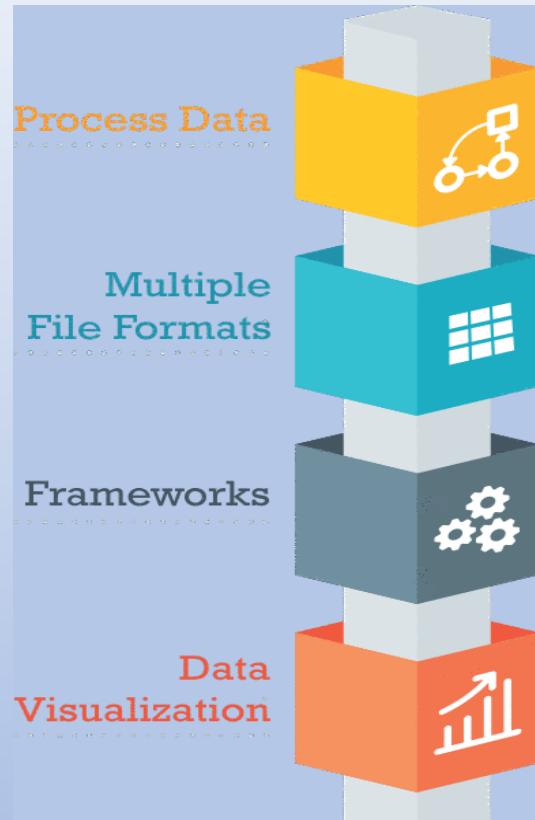
Our Capability in Advanced Analytics



Our Analytics & Machine learning suite

- | | | | |
|---------------------------|---------------------------|---------------------------|---------------------------|
| • Pairwise correlation | • ANOVA | • Multivariate regression | • Support vector machines |
| • Hierarchical clustering | • PCA (Factor analysis) | • Discriminant analysis | • Decision trees |
| • Segmented averages | • Spectral analysis | • Bayesian classification | • Neural networks |
| • Comparison of means | • Time Series Forecasting | • Non Linear Programming | • Markov chains |

Machine Learning & AI Capabilities



Data clean up

Pre-process data

Run descriptive statistics

Import of data can happen from any type of data source:

Audio

Video

Images

Flat files

Databases

IOT devices

Hive tables

Text (structures and unstructured)

Others

Machine Learning / Deep Learning frameworks used to run models:



Natural
Language
ToolKit



We leverage upon our proprietary visualization platform **GRAMEX** to provide interactive and user-friendly dashboards.

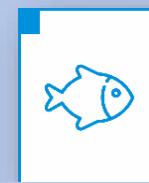
Areas we have worked in ML/AI include:



Image
Classification



Video
Analysis



Object
Recognition



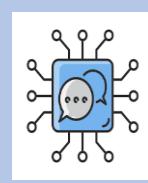
Face
Recognition



GIS – Geographical
Information System



Speech
Recognition



NLP/LLM

Modern techniques allow us to analyze unstructured text



Text Input Data

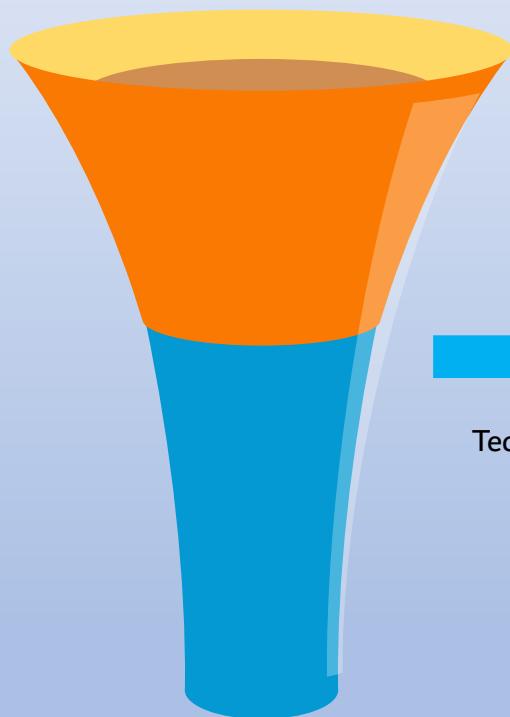
Convert into small icons for document types

Documents: PDF, TXT

Social Media : Twitter, Facebook feed

Free flowing text : Customer / Employee Feedbacks, text messages

Web Scraping : News Papers, Blogs



Extracted Knowledge / Output

Modern text analysis techniques

Natural Language Processing

01

- **Tokenization** : Process of breaking up strings into pieces such as words, keywords, phrases which are called as tokens
- **Lemmatization** : Converts different forms of same word into base word
- **POS Tagging**: marking up words to corresponding part of speech

02

Concept Extraction

- **Topic Modeling** : Find out specific Context or “Topic” from the words used in the documents.
- **Word Association**: Relation between words based on occurrences.
- **Sentiment Analysis**: Identify sentiments or Emotions for each text.

03

Information Extraction

- **Named-Entity extraction** : Information extraction to locate and classify named entities in text into pre-defined categories
- **Summarization** : Summarize long text into fewer words
- Relationship extraction :

04

Text Classification

- **Bag of Word**: Classify text using dictionary creation and matching method
- **Machine Learning**: Apply ML algorithm on TDM to classify text / document
- **Deep Learning**: Apply CNN algorithm on word vector to classify

Improve white-space

Make the order consistent with the order of the slides

Automation Capability

Technology Expertise



Differentiators

- Intelligent automation for business and IT operations
- Superior Technology to streamline the business
- Broad RPA technology ecosystem
- Integrated security and role
- Rapid Deployment of Robotic Workforce

Robotic Process Automation

- Rules based Robotics
- Hybrid RPA(attended and unattended automation tools)
- Multi System Integration
- Enterprise scale

Artificial Intelligence

- Algorithm-based decision making
- Self Learning ability
- SME Bots
- IDP powered by Computer Vision, OCR/CMR, NLP and Machine learning

Analytics

- Real time business insights
- Bot Analytics
- Derive Business Value

Industry Verticals

- Supply Chain Management
- Financial Services

- Accounting
- Health Care

- Human resources



Capacity

- Partnership with OEMs and Automation industry experts
- ~85 consultants
- Strong Use cases in Financial services, Accounting & Source to Pay

Our Multi-skilled Team extracts value from Data

Consultants



- From top tier Engineering or Business Schools
- Experience in Consulting, Business Intelligence and Research

Analysts



- Data Experts proficient in managing large sets of data and in tools like R, SAS, SPSS, MATLAB & Excel
- Specialize in applying statistical techniques innovatively to business problems

Data Scientists



- From top tier Engineering or MCA background
- Rock stars in programming across machine languages and in building custom applications and data backed visualizations

UI/UX Experts



- From arts or graphical design background
- Specialized in presenting analytical insights visually, in an immersive UI/UX interface

Our Team has experience working in different domains over the years:

- Retail
- Manufacturing
- Telecom
- Pharmaceuticals
- Sales & Marketing
- Banking & Financial Institutions
- Supply Chain
- Media – Advertising
- Public Sector

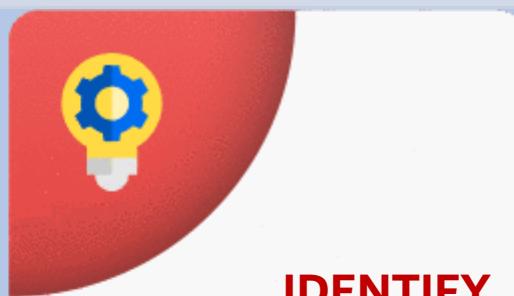
Our analytics framework is outcome-driven

With Innovative and Business specific solutions, we address your analytical needs with the help of our 'Inspect' to 'Influence' framework with a continuous feedback mechanism built in



INSPECT

- Crystallizing Problem Definition/Hypothesis Creation
- Setting Boundary/Scope Conditions and Stakeholder Alignment
- Extract, collect, Filter, Categorize, standardize and Clean Data



IDENTIFY

- Contextualize Data
- Univariate/Multivariate Exploratory Analysis
- Predictive & Advanced Statistical & Mathematical modeling
- Scenario Planning & Optimization



INFLUENCE

- Measure/Monitor Outcomes
- Embed Business rules and recommendations
- Power business processes
- Refine/Adjust Objectives & Data based on relevance, validity and improvement (Continuous)

Office Locations & Contact

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