



GROW YOUR BUSINESS WITH AI



Eastern India Technosoft Pvt. Ltd.

www.eitpl.in

About EITPL

**We work with you to
address your most critical
business priorities**

We help transforming the world's most important business into vigorous, agile organization that anticipate the unpredictable, adapt, rapidly to disruption and outcompete their opposition



OUR SOLUTIONS

We are creating solutions for your organizations



Computer Vision Machine Learning Natural Language Processing



Mobile Application

Annotation

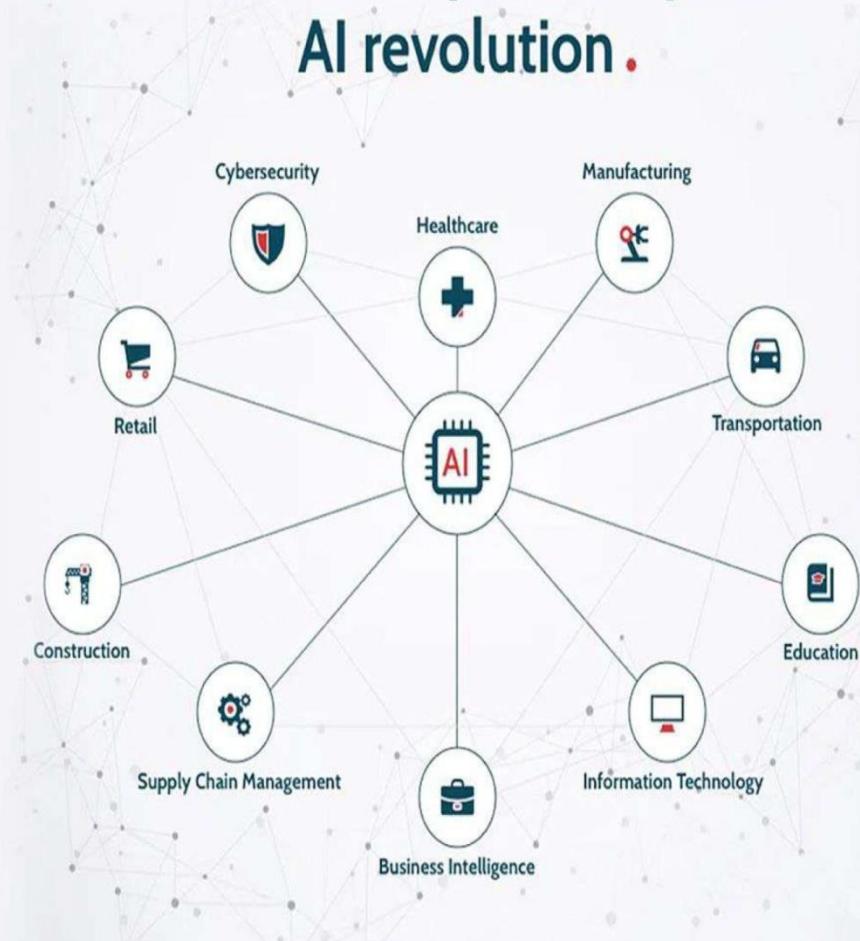
Embedded & IoT Solutions



Neural Network

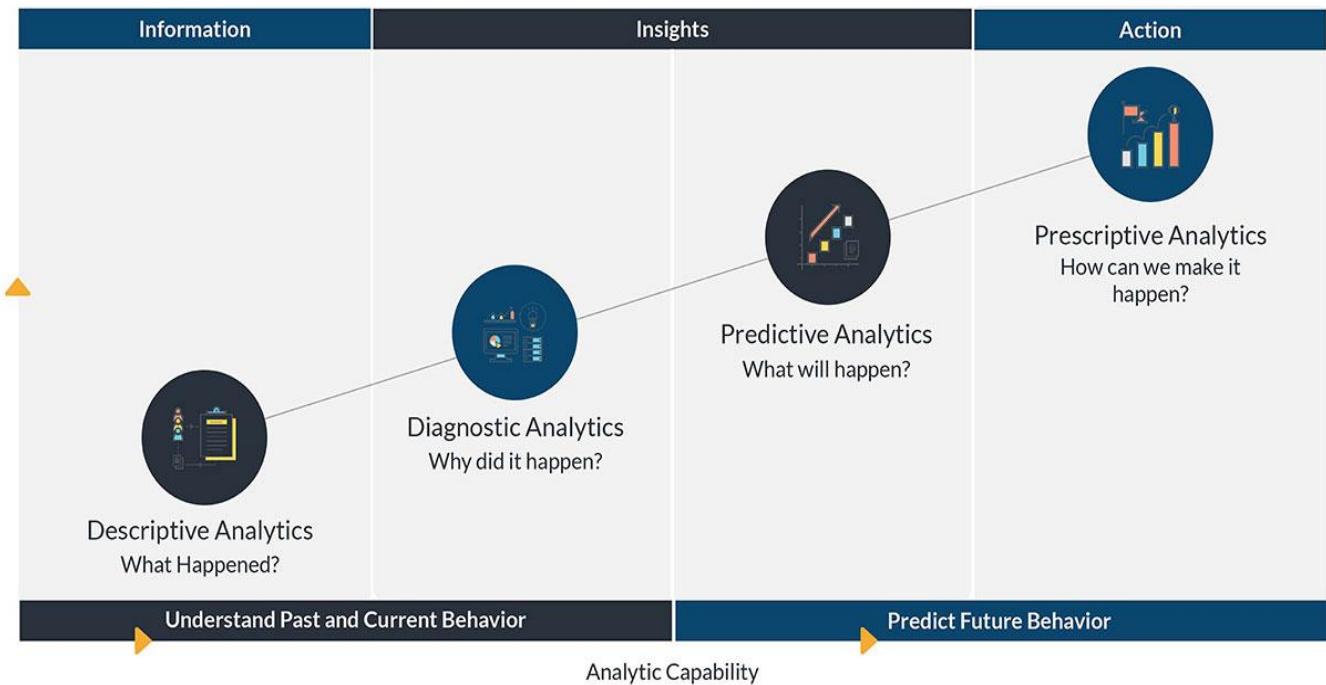
Cognitive Computing

Industries impacted by the AI revolution.



AI & Machine Learning

Analytics Maturity Journey



Data Science Capabilities



Forecasting

Decode the most complex data, cast-out uncertainty, and gather insights to prepare for a smarter tomorrow.



Predictive Modeling

Learn from existing information to Forecast & Predict Future outcomes to drive Business Strategies

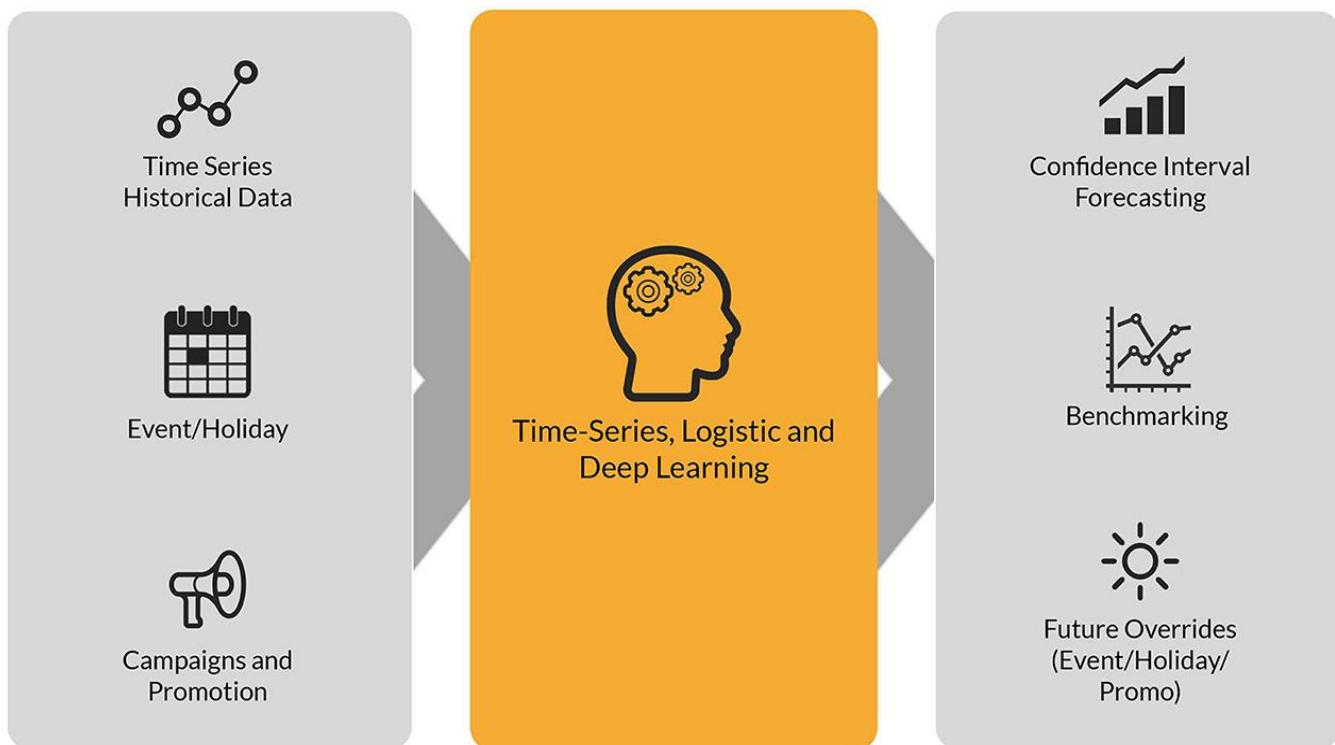


NLP/U

Understand Text, context, semantics from multiple sources, get summarized feedback to improve services



Forecasting Framework



Data Science Capabilities

Capability Tool: Forecasting



Forecast

Eliminate the Guess Work

Stop Speculating, Start Knowing

A powerful forecasting engine incorporating advanced statistical and machine learning techniques that leverages AI to transform the way forecasting has been ever done.



Features



Exploratory Analysis

Understand & generate data using Statistical graphs to derive deeper insights and right techniques to forecast.



Statistical Modeling

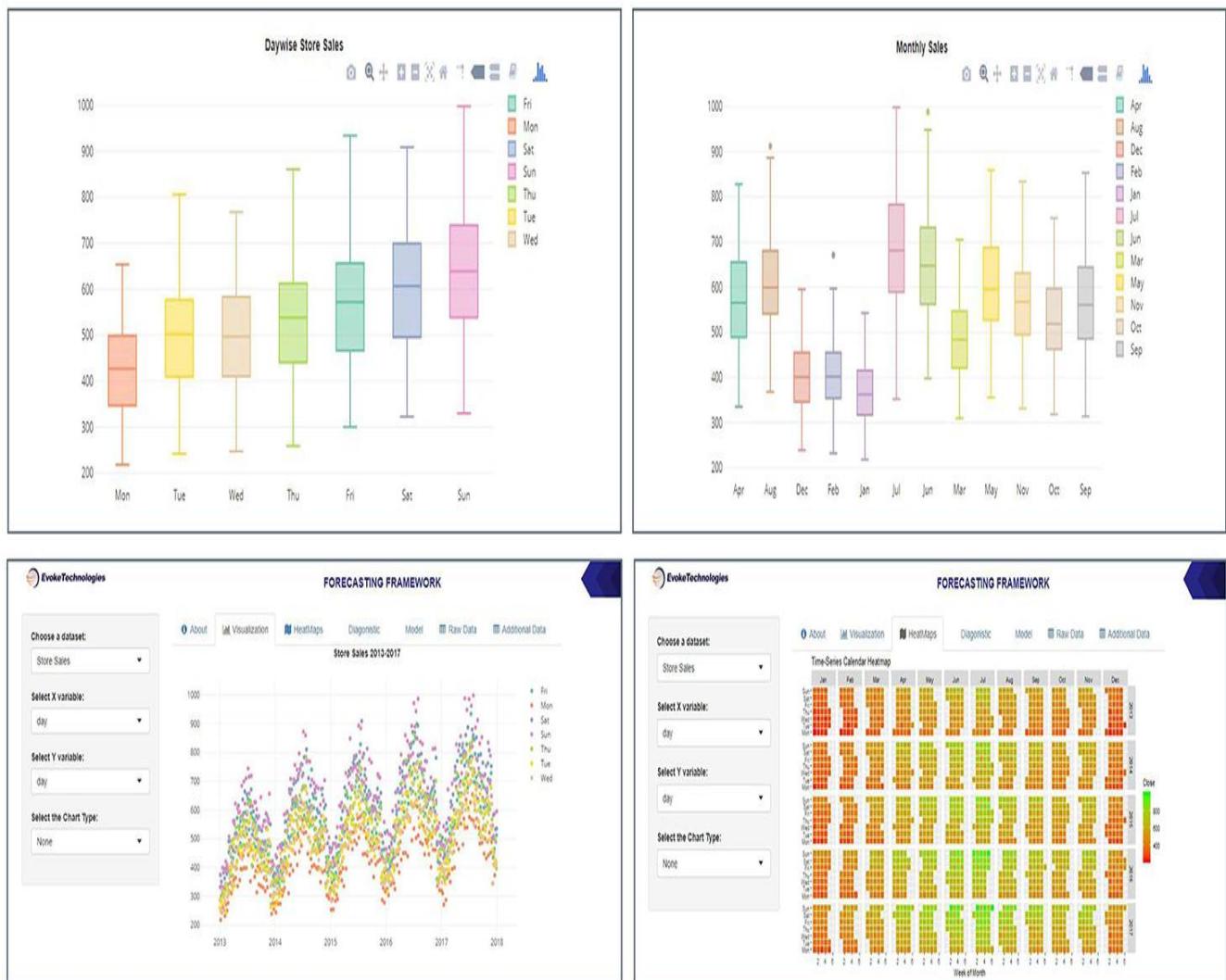
Delivering accurate forecasts with the help of advanced statistics for machine learning & deep learning time-series algorithms.



Benchmark

Benchmarking our forecasts in the past using rolling over multiphase time frame.

Forecasting Accelerator : Visualization



Forecasting Accelerator : Time Series Model

EvokeTechnologies

FORECASTING FRAMEWORK

Choose a dataset: Store Sales

Select X variable: day

Select Y variable: day

Select the Chart Type: None

Comparison of different Time-Series Models

Sr.No.	type	MAE	RSS	MSE	RMSE
1	Linear Regression with seasonality	0.321	77.396	0.141	0.376
2	SARIMA log	0.233	48.029	0.088	0.296
3	SARIMA	0.225	45.063	0.082	0.287
4	Auto Regressive	0.197	31.480	0.057	0.240
5	Linear Regression without seasonality	0.194	32.583	0.059	0.244
6	Holt-Winters Multiplicative	0.168	24.412	0.045	0.211
7	Holt-Winters Additive	0.167	24.575	0.045	0.212

Showing 1 to 7 of 7 entries

MAE (Mean Average Error)
RSS (Residual Sum Squares)
MSE (Mean Squared Error)
RMSE (Root Mean Squared Error)

Accuracy in different Confidence Interval

Sr.No.	Confidence Interval	Within Confidence	Outside Confidence
1	80	99.45	0.55
2	90	99.45	0.55
3	95	99.73	0.27
4	98	99.73	0.27

Showing 1 to 4 of 4 entries

Previous 1 Next

The plot shows a time series from January 2013 to July 2017. The y-axis ranges from 5.5 to 7.0. The x-axis shows dates from Jan 2013 to Jul 2017. Blue dots represent actual data points. A solid blue line represents the predicted trend. Two shaded regions represent the 95% confidence interval: a pink region labeled 'Validated' and a green region labeled 'Test'. A legend at the top right indicates 'Actual' (blue dot) and 'Predicted' (solid blue line).



Business Application

- ✓ Sales Forecasting
- ✓ Demand Forecasting
- ✓ Ticket Forecasting
- ✓ Call Volume Forecasting
- ✓ New Product Forecasting

Data Science Capabilities: NLP



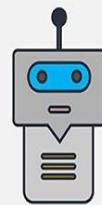
Text Mining

Explore and analyze Unstructured Text Corpus to identify topics, concepts and keywords and many more insights



Alexa Business Solutions

Voice Dashboard powered with AI and Machine Learning to showcase contextual responses.



Chat Bots

Analyze Text data patterns by combining Text Mining and NLP/U to respond immediately for the user query. Customize the bot according to the requirement.



Content+

Text Mining & Natural Language Processing Engine

Content+ (Text Mining Engine)

Customer Voices Connectors

- Social Media
- Blogs
- Forums
- News
- Custom

Ingest and Transform Processing

- Filter Noise
- N-Gram
- Intent/Topic/Opinion Identification
- Sentiment
- Entities
- Word Association
- Summarization

Analysis Customizable Insights

- Market & Product Research
- Customer Behavior
- Complaints
- Spam Filter
- Brand+
- Sentiment and Emotions
- Competitor Comparison

Strategy Insights Led Strategy

- Product Strategy
- Demography Strategy
- Risk Management
- Self Service Enhancement

EIT

Text Mining Engine-Use Cases



Customer care service

Root case analysis and trend of service request and complaints by mining rep comments



Brand Monitoring

Misuse of brand name, logo etc.



Price Monitoring

Webpage Scraping to get latest price change on the web



Social Listening

Track company mention across social media



App store/playstore feedback mining

Strategy from mobile app team on what's not working, or need improvements



VOC – Voice of customer

From internal and external data



Knowledge management

Mining huge data to get quicker answer



Recommend right content

Know the topic of interest and recommend next article



Fraud detection

Specially in insurance claim or where work is done through paper like insurance claim

Data Science Capabilities: Predictive



Marketing Analytic

Analyse the data from multiple sources and use Machine Learning to reach out to the best possible group for marketing to maximize ROI (Return on Investment)



Customer Analytics

Understand the data patterns in customer behaviour, attract new ones, stop the previous from churning



Predictive Maintenance

Machines get into troubles sooner or later. Data helps to identify them and evade damage. Using PdM (Predictive Maintenance) saves time and money

Customer Analytics: Unlocking the power



Customer Lifecycle Analytics



Acquire

- Customer Profiling
- Customer targeting
- Brand Evaluation
- Lead Scoring
- Acquisition Modelling
- Lookalike Modelling
- Response Modelling



Analyse

- Demographic Segmentation
- Customer Segmentation
- Customer Product Affinity
- Seasonality Channel
- Survey Analytics
- Interaction Time of Optimization
- Channel Optimization



Amplify

- Customer Lifetime Value
- Customer Advocacy
- Propensity to Buy
- Personalization
- Promotions
- Cross-sell/Up-sell
- Next Product Offering
- Media Mix Modelling
- RFM Modelling



Retain

- Customer retention
- Customer Attrition
- Customer Service
- Loyalty Analysis

Marketing Analytics

 Onboarding	 Win back	 Mobile App Engagement	 Price Plan Migration	 Multi-play Cross-sell	 Loyalty	 Content and OTT Upsell	 Recommitment
 Education & Guidance	 Usage and Activity Simulation	 Household Engagement	 Digital Service Adoption	 Surprise and Delight	 Handset Upgrade	 Household Shared Services	 Roaming

Legend:

-  Onboarding
-  Ongoing
-  Churn Prevention & Retention
-  Win Back
-  Cross Stages

Market Basket Analysis - Retail

Data Points

- Orders
 - order_id
 - user_id
 - order_number
 - order_day_of_week
 - order_hour_of_day
 - reorders
- Products
 - product_id
 - product_name
 - aisle_id
 - department_id
- Aisles
 - aisle_id
 - Aisle
- Departments
 - department_id
 - department

Items Bought Together

Frequent Itemsets Support: 0.008

Itemset	Support
Bag of Organic Bananas, Organic Honey	0.018
Banana, Organic Spinach	0.017
Bag of Organic Bananas, Organic Avocado	0.016
Banana, Organic Avocado	0.015
Bag of Organic Bananas, Organic Spinach, Banana, Organic Avocado	0.014
Banana, Organic Spinach, Bag of Organic Spinach	0.013
Banana, Organic Baby Spinach, Organic Spinach	0.012
Organic Honey, Organic Spinach, Organic Baby Spinach	0.011
Organic Baby Spinach, Organic Spinach	0.010
Banana, Honey, Organic Apple	0.009
Banana, Organic Apple	0.008
Banana, Cucumber, Milk	0.007
Banana, Orange, Honey	0.006
Organic Spinach, Organic Spinach	0.005
Banana, Lettuce, Spinach	0.004
Organic Spinach, Spinach	0.003
Bag of Organic Bananas, Organic Honey, Honey	0.002
Organic Baby Spinach, Organic Honey, Honey	0.001
Bag of Organic Bananas, Organic Spinach	0.0005
Bag of Organic Bananas, Organic Honey, Baby Spinach	0.0002
Banana, Honey	0.0001
Bag of Organic Bananas, Organic Honey, Baby Spinach, Honey	0.00005

Insights

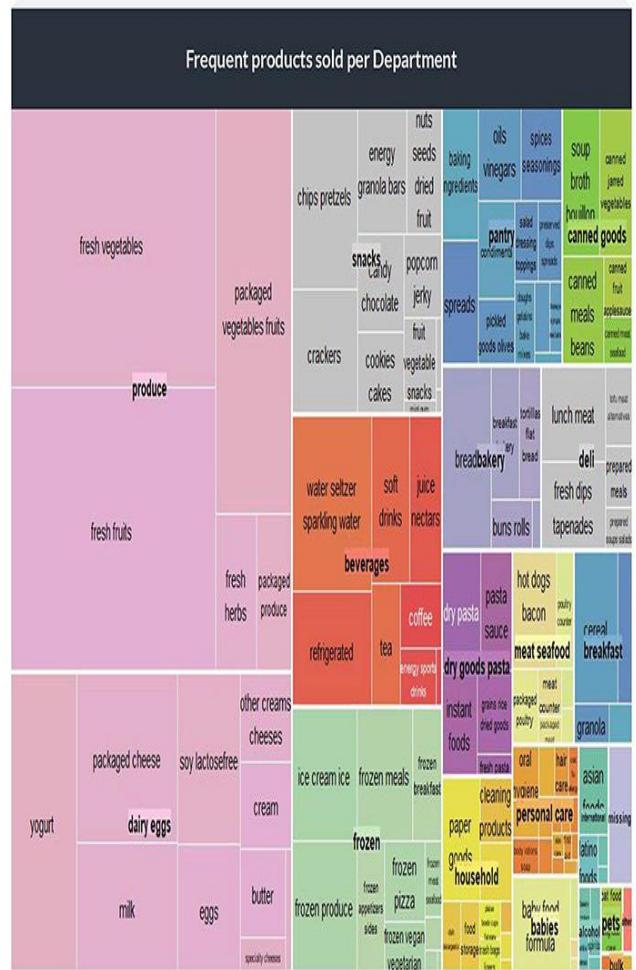
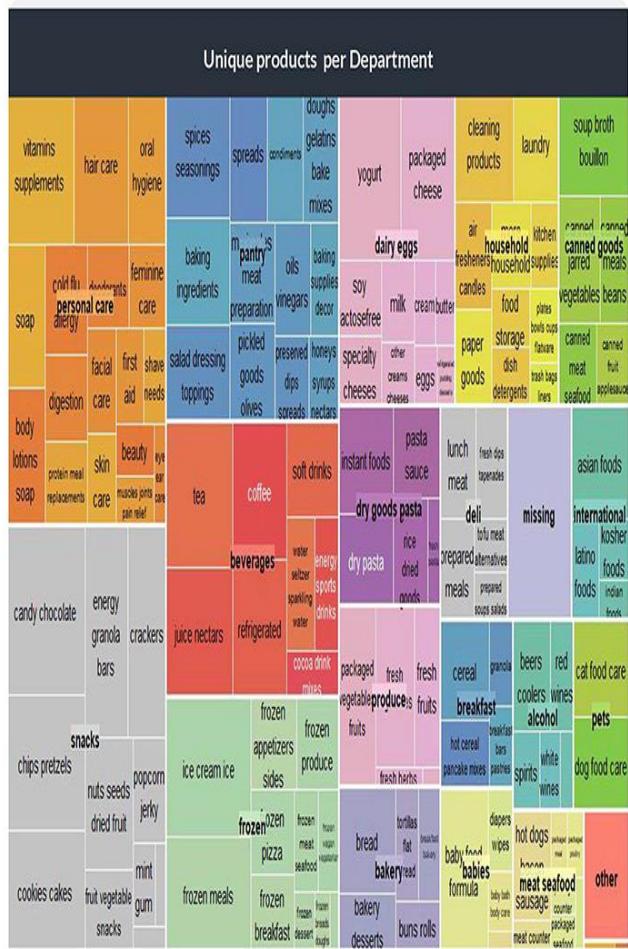
- After doing some groundwork and analysis of basket size .There are total 4823 baskets and 48406 items per basket.
- Although there is some overlap (notably bananas and milk), a lot of the high frequency re-orders are more niche products like special kinds of milk and bread.
- People tend to place a new order mostly within 7 days of the last order, predominantly exactly 7 days after. The 30 day spike seems to be a long-tail effect.
- Nearly all of the items are either fruits or vegetables. There is just one frequent pair that contains milk (of course, with bananas). An interesting combination is bananas and baby spinach.



Note : Source :Kaggle Dataset provider : Instacart Dataset Size:498688 observations



Market Basket Analysis - Retail



Note : Source : Kaggle Dataset provider : Instacart Dataset Size: 498688 observations



Alexa
Voice Assistance

Search based business analytics through voice experience

- Interactive Dashboard
- Instant Business Insight
- Real time updates



Alexa for Hotel industry

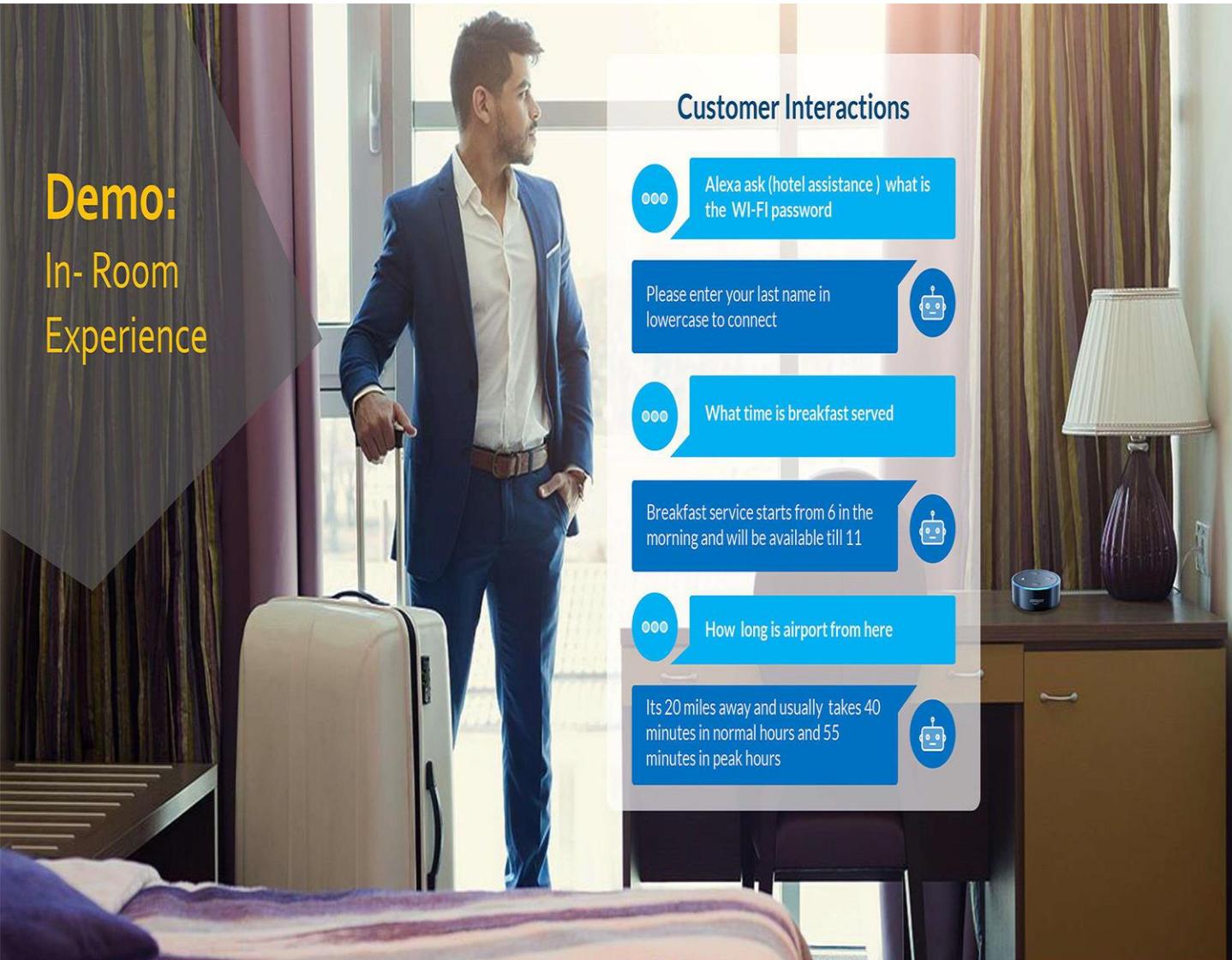
Putting in-room technology at the tip of the guest's tongue



Alexa for hotel industry



Demo: In-Room Experience



**Helping
hoteliers
understand
their guests
better**



Use cases for Alexa in hotel room

- What time the breakfast is served.
- How much time it take to go to airport or peak hour traffic
- When is Bar closed
- What are the local roam around options
- Enable DND
- Total charge till now
- Send housekeeping to my room now
- Tell me the WIFI password
- Whom to contact in an emergency
- Hours of operation for various guest services
- tell restaurant menu
- Set a reminder for wake up call.
- I need a room service
- Prepare final checkout bill by mentioned time
- I need a Taxi to go to airport now
- What are the special dishes for the day

**Helping Hoteliers Understand
Their Guests better**



Demo: Customer Service



Customer Service

Voice Dashboard

Your Digital Assistant

01

INTERACTIVE DASHBOARD

Leverage the power of interactive dashboards

02

INSTANT BUSINESS INSIGHTS

Gain instant business insights across your data

03

REAL TIME UPDATES

Enable users to receive updated information



Voice Dashboard



REAL TIME UPDATES

Enable users to receive updated information



INTERACTIVE DASHBOARD

Leverage the power of interactive dashboards



IMPROVE PRODUCTIVITY

Focused toward workplace productivity



INSTANT BUSINESS INSIGHTS

Gain instant business insights across your data



Data Science Capabilities - Cognitive



Object Detection

Use Computer vision and deep learning to detect objects, actions, face and facial expressions and many more and provide the system with capabilities as human vision but not limited to.



Video Analytics

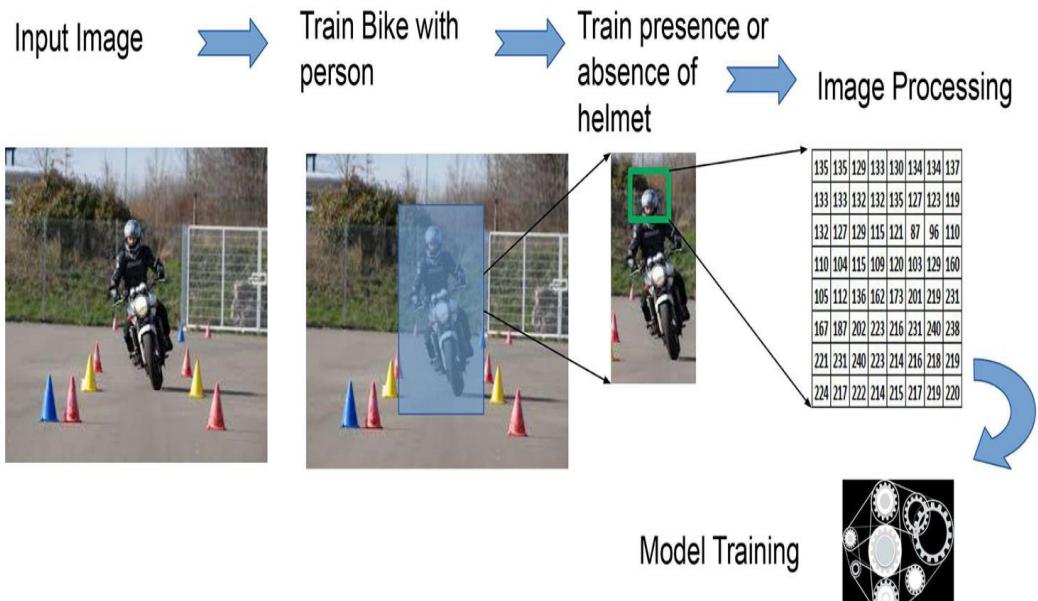
Surveillance of video footage to identify abnormal activities manually takes intense effort. Analyzing multiple videos in real-time using Machine Learning helps in taking required action with lesser effort



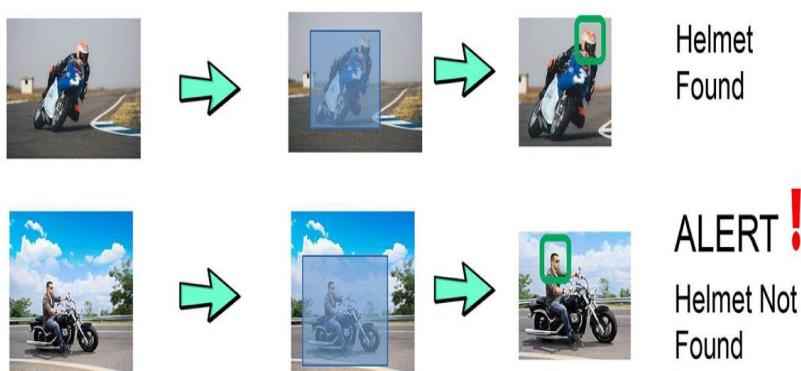
Speech

Use speech to convert to text, get tone of speech, voice modulation information and other patterns to understand the user intent, mood etc to debug person mind.

Data Science Capabilities - Cognitive



Output of a captured image



Vision



three girls sitting on grass field



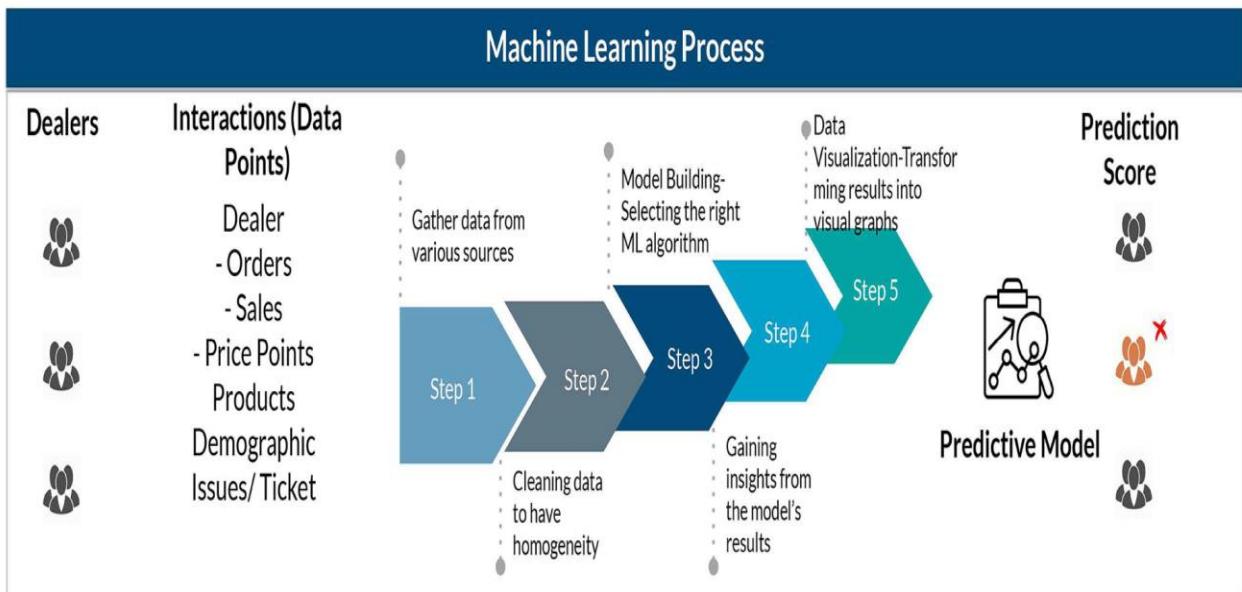
boy and man playing Frisbee on seashore



Machine Learning Capabilities : predicting dealer churn

Business Case

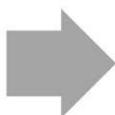
Develop a Machine Learning Predictive Model to score Clopay Dealers to predict the likelihood of them not continuing business with Clopay.



High Level Task Breakdown

Pre-Proof of Concept (Assessment Stage)

- Define Problem Statement
- Multi Phase Data Collection
- Build Prototype



Proof of Concept

- Revisit the Problem Statement
- Data Collection to Model Building
- Expected Deliverables & Time Estimate

Predictive analytics use cases : By function

Operational Analytics

- Predictive Maintenance
- Inventory Forecasting for Planning
- Anomaly Detection
- Next Best Action
- Robotic Process Optimization (RPA)



Sales Analytics

- Sales Forecasting & Lead Generation
- Lead Scoring & Prescriptive Next Best Action
- Sales Call Analytics & Sales Attribution
- Call Intent Discovery



Marketing Analytics

- Personalized Recommendation Engine
- Product, Price & Placement Optimization
- Marketing Segmentation & Targeting
- Customer Lifetime Value
- Up-Sell & Cross-Sell Models
- Social Media Monitoring
- Click Stream Analysis



HR Analytics

- Chat Bot Interviewing
- HR Retention Analytics
- Voice of Employee Analytics
- Chat Bot Assistance



Finance Analytics

- Risk Analytics
- Fraud Analytics Engine
- Credit Scoring
- Asset Allocation
- Robo-Advisory



Supply Chain Analytics

- Demand & Supply Forecasting
- Inventory Optimization
- Monitor and Predict Vendor Risk And Performance
- Sense Demand Patterns
- Robotic Process Optimization (RPA)
- Chat Bot for Procurement



AI Use Cases

Industry	Use Cases
 Automotive	<ul style="list-style-type: none"> • Managing risk • Reducing revenue churn • Analyzing consumer behavior
 Manufacturing	<ul style="list-style-type: none"> • Predictive maintenance • Demand forecasting • Process optimization
 Retail	<ul style="list-style-type: none"> • Predictive inventory planning • Recommendation engines • Upsell and cross-channel marketing
 Telecom	<ul style="list-style-type: none"> • Reducing revenue churn • Tracking customer history/transaction • Forecasting
 Banking	<ul style="list-style-type: none"> • Risk analytics and regulation • Credit worthiness evaluation • Customer Segmentation
 Insurance	<ul style="list-style-type: none"> • Analyzing consumer behavior • Complying with regulations • Reducing revenue churn

Industry	Use Cases
 Media & Entertainment	<ul style="list-style-type: none"> • Personalization of user experience • Search optimization • Marketing and advertising
 Travel	<ul style="list-style-type: none"> • Recommendation engine • Flight fare and hotel price forecasting • Optimized disruption management
 E-commerce	<ul style="list-style-type: none"> • Segmentation, personalization & targeting • Pricing optimization • Fraud protection
 Infrastructure	<ul style="list-style-type: none"> • Generative design • Risk mitigation • Safety and efficiency
 Oil & Gas	<ul style="list-style-type: none"> • Enhanced oil exploration • Smarter Maintenance • Safety and environment
 Education & Training	<ul style="list-style-type: none"> • Customizable learning experience • Student path prediction • Better organization of the process

AI Use Cases

Industry	Use Cases	Industry	Use Cases
Agriculture	<ul style="list-style-type: none"> Crop and Soil health monitoring Weather prediction and Crop sustainability Demand forecasting 	Energy	<ul style="list-style-type: none"> Energy forecasting Failure management Reduce cost and human error
Pharmaceutical	<ul style="list-style-type: none"> Patient finder using claims databases Improved engagement Pricing strategy for drug portfolio 	Mining & Metals	<ul style="list-style-type: none"> Real-time production adjustment Discover patterns in equipment conditions Mineral prospecting & exploration
Transport & Logistics	<ul style="list-style-type: none"> Inventory management Demand forecasting Intelligent Sorting 	Chemicals	<ul style="list-style-type: none"> Raw materials Load forecasting Real-time batch quality prediction Monitor equipment health

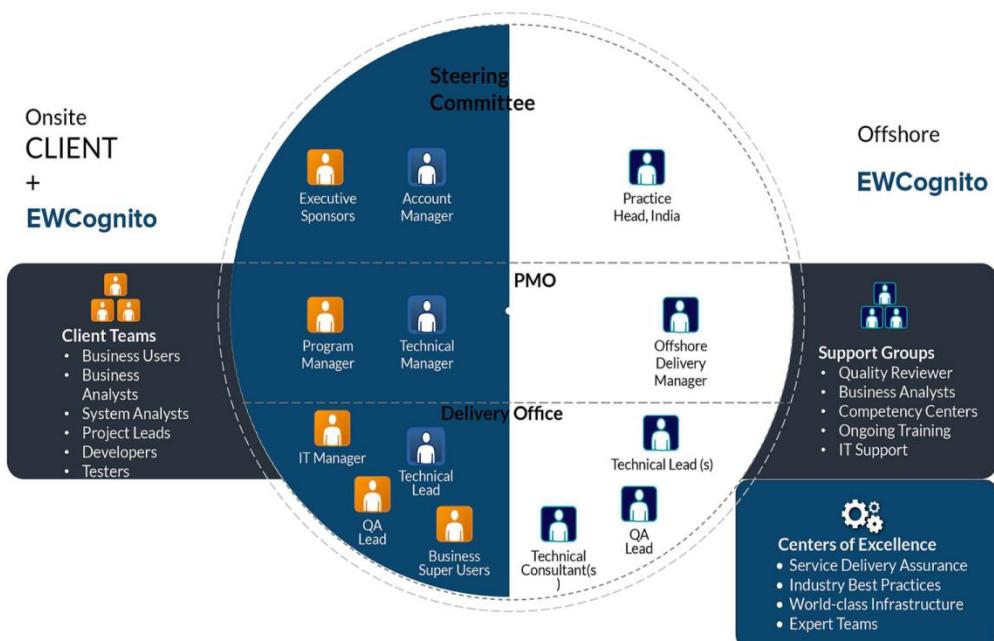
Data Science Engagement Model



Engagement Model



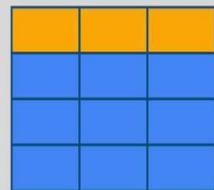
Execution Model



Deliverables



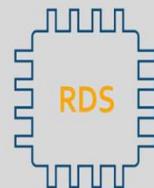
Exploratory analysis



Forecast as CSV file



Forecast as Excel file



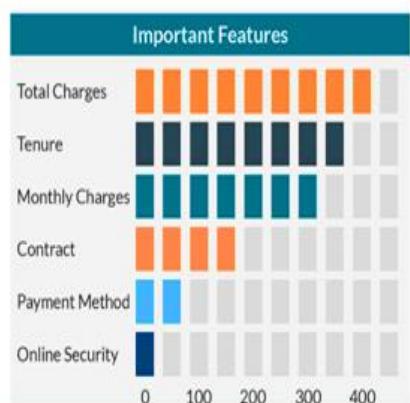
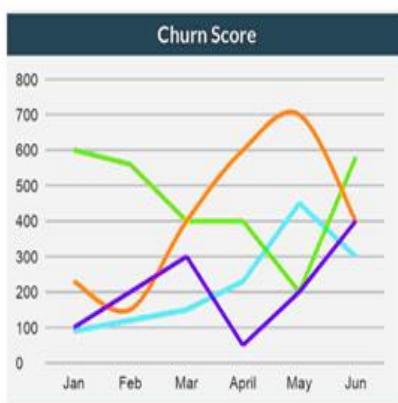
Model RDS file

Identify and avoid customer churn



Churn Model : Telecom

Data Points
• Member Data <ul style="list-style-type: none">• Gender• Senior Citizen
• Transactions <ul style="list-style-type: none">• Payment Method• Paperless Billing• Total Charges
• User Logs <ul style="list-style-type: none">• Internet Service• Contract

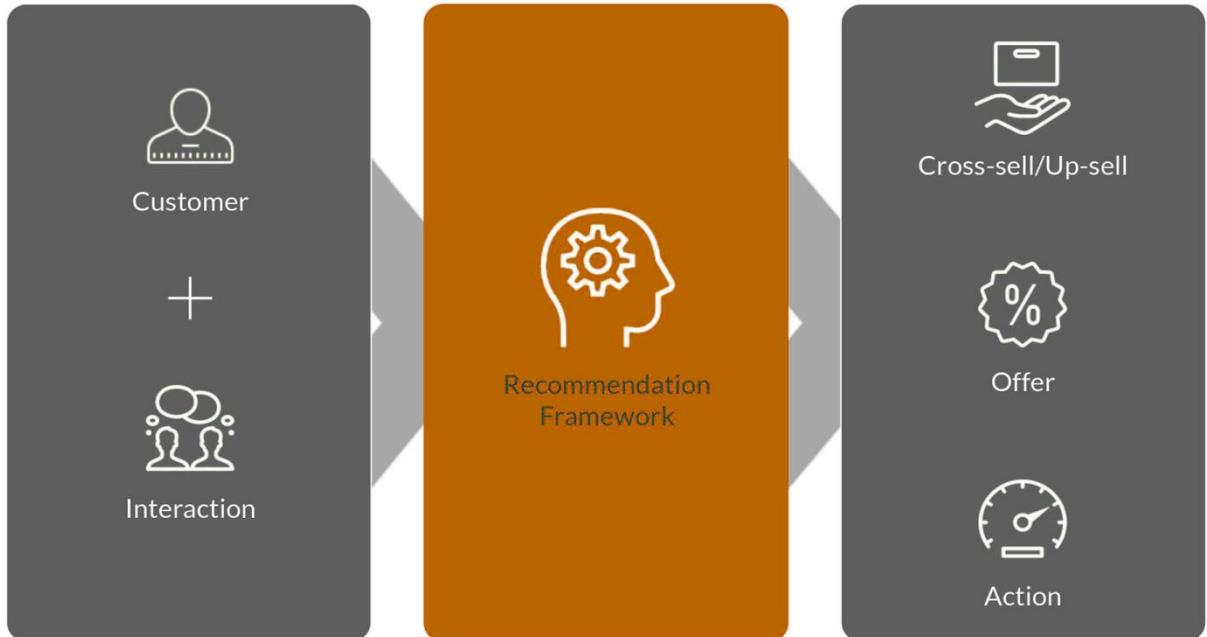


Insights

Taking a look at the results, we gain some potential insights. Based on these insights, here are some findings for customer churn and improving customer retention.

- 30% of the people have dependents, of which 15% churn. For the other 70% that don't have dependents, 31% got churned.
- A lot of people with phone service churned. Maybe these people don't really use the phone service. Moving them to a plan without phone service to save them some money on their bill might help retain them.
- Similarly to online backup and security, those without device protection tended to churn more than those that subscribed to the service. Adding device protection to their plans may be a good way to prevent churn.
- 16% of the customers are senior citizens, and roughly 42% of those senior citizens churn.

Recommendation Framework: Overview

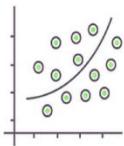


Fetch Rewards Machine Learning: Ecosystem

Data Points	Features	Model	Outcome
<ul style="list-style-type: none"> Customer Demographics (Age, Gender, Martial Status, Geographic location, Income Level) Application/Usage<ul style="list-style-type: none">Customer Purchase HistoryReceipt ScanTime of the dayUser Tenure Campaign Promo Variants<ul style="list-style-type: none">Brand LevelItem LevelItem Combo LevelCustomer Click-through RatePoints RewardedPromo Active [Hours/Day]	<ul style="list-style-type: none"> Customer Life Stage (Profile + Purchase History) Customer Life Style (Specific Purchase Pattern) Customer Behaviour<ul style="list-style-type: none">Early AdoptersDeal StealersBulk Buyers Frequency of Scans Customer Repurchases Promo Click-through Rate Item Co-occurrence Coefficient Rewards Earned (24 Hours, 30 Days, Till Date) Time Gap Between Scans Time Elapsed Between Item Bought City/Area Buying Pattern	<ul style="list-style-type: none"> Customer Segmentation Market - Basket Analysis Recency Frequency Monetary Collaborative Filtering (Similar Items/Users) Brand Affinity Content-Based Filtering (Item) Propensity to Buy (Item)	<ul style="list-style-type: none"> Campaign Recommendation Campaign Conversion (A/B Testing) Future Item List Item Bought Together Behaviour Economics (Life Stage + Life Style + Brand)

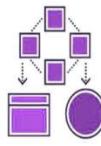
Executive Summary

Machine Learning



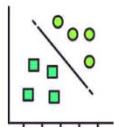
Regression

It is a statistical measure used in finance, investing etc., that attempts to determine the strength of the relationship.



Classification

Trials to evaluate the effectiveness and safety of medications by monitoring their effects on large groups of people.



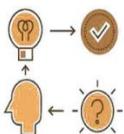
Segmentation

Segmentation recognizes that different groups will respond differently to social and behavior change.



Forecasting

Accurate sales forecasts enable companies to make informed business decisions and predict performance.



Recommender Systems

Recommender Systems offer the destinations you might like for your next trip.



Text Mining

Exploring textual data to define and rate emotional and factual qualities of it.

Predictive Analytics Use Cases: By Function



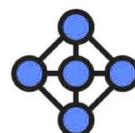
Machine Learning

We combine advanced analytics and text mining capabilities using machine learning and artificial intelligence to turn information into actionable insights.



Cognitive

Improve profits, explore new opportunities, and revenue streams. Our predictive models accomplish a variety of intelligent tasks.



Deep Learning

We enable enterprises to with data discovery, model development, and deployment to assist clients to uncover patterns in data and predict future trends using deep learning.



Reinforcement Learning

Accurate sales forecasts enable companies to make informed business decisions and predict performance.



Data Science : Capabilities

Operational Analytics

- Predictive Maintenance
- Inventory Forecasting for Planning
- Anomaly Detection
- Next Best Action
- Robotic Process Optimization (RPA)



Sales Analytics

- Sales Forecasting & Lead Generation
- Lead Scoring & Prescriptive Next Best Action
- Sales Call Analytics & Sales Attribution
- Call Intent Discovery



Marketing Analytics

- Personalized Recommendation Engine
- Product, Price & Placement Optimization
- Marketing Segmentation & Targeting
- Customer Lifetime Value
- Up-Sell & Cross-Sell Models
- Social Media Monitoring
- Click Stream Analysis



HR Analytics

- Chat Bot Interviewing
- HR Retention Analytics
- Voice of Employee Analytics
- Chat Bot Assistance



Finance Analytics

- Risk Analytics
- Fraud Analytics Engine
- Credit Scoring
- Asset Allocation
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Supply Chain Analytics

- Demand & Supply Forecasting
- Inventory Optimization
- Monitor and Predict Vendor Risk And Performance
- Sense Demand Patterns
- Robotic Process Optimization (RPA)
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Industry Expertise

Industries	Forecasting	Churn Modelling/ Customer CLV	Predictive Analytics	Recommendation Engine/ NBA	Optimization	Segmentation/ Personalization	Predictive Maintenance	Text Mining/ Sentiment Analysis
Manufacturing	■	■	■	■	■	■	■	
Retail	■	■	■	■	■	■		■
Telecom	■	■	■	■	■	■	■	■
Banking/Finance	■	■	■	■	■	■		■
Travel & Hospitality	■		■	■	■	■		■
Energy/Oil & Gas	■		■		■		■	
Media & Education	■	■	■	■	■	■		■
Automotive	■		■	■	■	■	■	
Healthcare	■	■	■		■	■		■
Logistics & Transportation	■		■		■		■	■
Insurance	■	■	■	■	■	■		■
Real Estate	■		■	■		■	■	

Dsmatics's
Expertise

■ High	■ Medium	■ Low
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Hotel Industry

Machine Learning Use Cases





Operations

Machine Learning Use Cases



Machine Learning Use Cases

Operations: Machine Learning Use Cases



Preventive Maintenance

Maintenance schedules are often based on statistics that predict minimum failure. We typically initiate maintenance when we reach the minimum expected time of failure



Optimized Job Execution

Optimization in field Service helps you increase your **Optimized scheduling** and **ensure first time fix rate** by assigning right technician having the right tools for the right problem. **Predictive job duration** for a given job type, weather and skills and **Job forecasting** to accurately predict future demand to ensure customer needs are always met.



Customer Service

Call centre representatives are typically the first touch point vendors interact with. Building solid customer relationships is an essential part of customer retention, brand differentiation, and a healthy bottom line.

Field Service Operations

Machine Learning Based Analytics



Ensure First Time Fix

Our AI solution can automate assignments in a way that maintains customer satisfaction and decreases the risk of missing an SLA. Assign each available technician a first-time fix rate.



Optimized Scheduling

Dsmatics's predictive field service solution can analyze what worked well in past visits, and what caused problems. It uncovers what's needed to ensure the most efficient service day possible.



Preventive Maintenance

Avoid unexpected breakdowns and resulting costs by receiving recommendations for equipment part replacements and periodical inspections



Predict Job Duration

Gain job duration predictions based on variables such as proficiency of field service professionals for a given job type, weather, and skills.



Customer Satisfaction

Boost customer satisfaction by creating Chatbots that can answer customer queries when human assistants are either busy or unavailable.





Call Center

Machine Learning Use Cases



Call Center

Machine Learning Use Cases



First Call Resolution

Predict probability that a future interaction will happen because of the current interaction, and recommend actions to prevent it



Customer Satisfaction

Predict customer's likelihood to recommend or have extreme dissatisfaction with an interaction, and take action to avoid



Customer Churn

Predict customer's likelihood to end relationship with the company following an interaction, and discover drivers and remedial action



Upsell/Revenue Collection

Predict customer's likelihood to accept and upsell (or pay a debt), and understand what drivers cause that prediction – or end the call prematurely if not save AHT



Agent Acumen

Predict agent's likelihood to score well in a generic Agent Quality metric system, and use that to drive self-assisted coaching





Multi-chain Restaurant

Machine Learning Landscape



Recommendation Framework



Customer



Interaction



Recommendation
Framework



Cross-sell/Up-sell



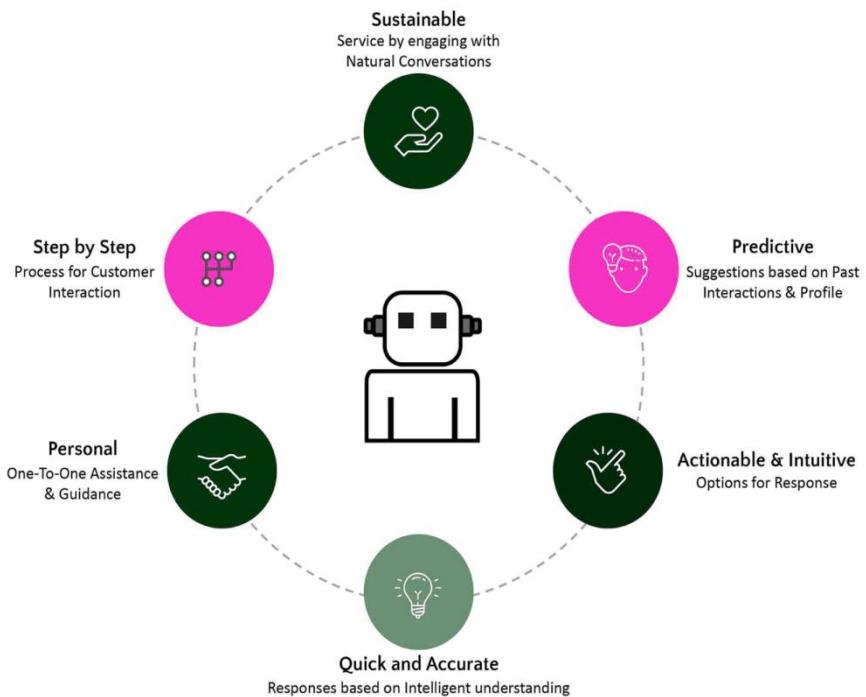
Offer



Action

EIT

Chatbot Capabilities



Chatbot Application – Business Function



Courier Industry

The courier industry has grown in size and reach. It serves as a key enabler for business by providing time-bound logistics services to customer industry segments. With the power of AI and machine learning bots can help the users track their courier at there figure tips. Users can just ask the bot to track the shipment by providing the shipment number.

Possible Use Cases

- Shipment tracking
- Freight cost finder
- Store locators



Chatbot Characteristics

There is a big variety in Chatbot development platforms. Below are a number of characteristics that should be taken into account when choosing the suitable platform to implement with your Chatbot.

Intent Recognition



Ability to “guess” what the user is requesting, even if phrased unexpectedly. Good intent recognition is vital if you don’t want to annoy your users.

Dialog Management



Go beyond simple Q&A and enable your Chatbot to have complex and meaningful conversations with the user.

Humanization



Users get more engaged in conversation if a Chatbot acts more humanlike. Some Chatbots are able to detect and show emotions

Interaction Channels



How will users interact with your Chatbot? Choose a platform that connects easily with your webchat, app, social media platform or voice interface.

Task Automation Capability



Does your Chatbot need to perform tasks for users? Make sure it has enough dialog capabilities and that it can connect to your back-end systems

Reporting & Monitoring



Are your customers being helped? Are they happy? Does your contact center get less calls? Choose a Chatbot platform that tells you how it's performing.

Ease of Implementation



Some platforms require custom software development, while others allow business users to configure the Chatbot themselves.

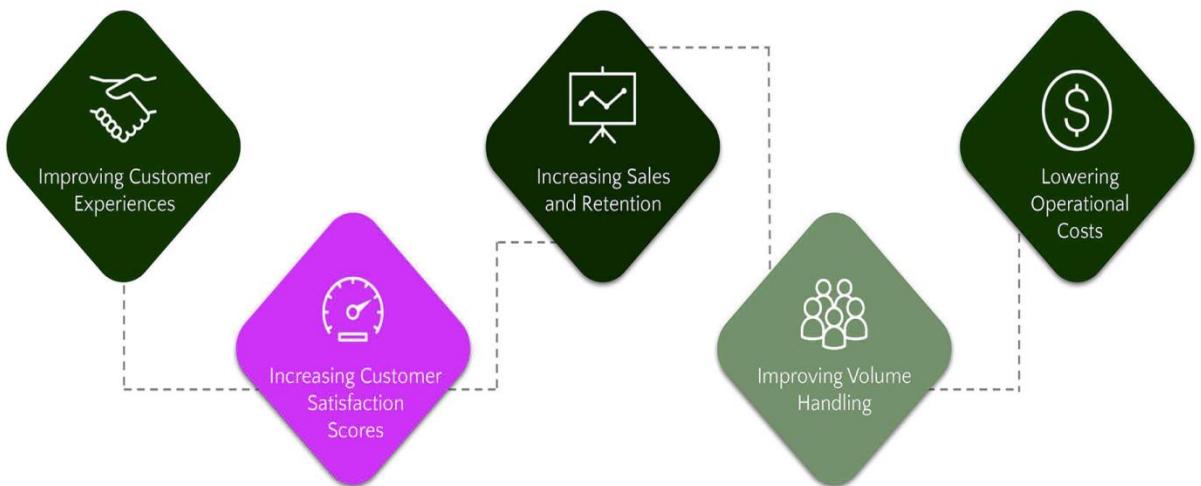
Security & Compliance



Do you have extra security requirements? Or do you need to be compliant with audit regulations? Security and logging capabilities vary amongst platforms.



Chatbot Benefits



Hotel Industry

Bot can help you make a reservation in a hotel, reserve a table, and even arrange a transportation. Further, they can give you best deals around you and confirm your bookings.

Possible Use Cases

- Book travels and check-ins
- Manage bookings
- Check in and checkout



Welcome to Resto Bot I can help you with bookings, ordering, deals, and more... How can I help?

- Book a Hotel
- Book a Table
- Arrange Transportation

...

Book a hotel for 2 in Dallas

Lets book a hotel for you. Let me find the best for you

- Hyatt Regency - ****
- Hampton Inn - ****
- The Westin ****
- Hotel Woodland ****

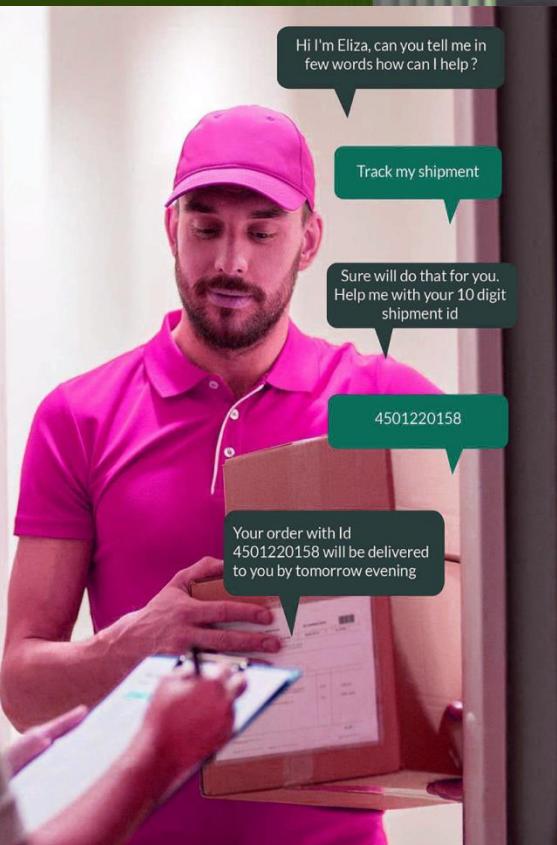
...

The Westin

Booking Confirmed

Send a message...

SEND



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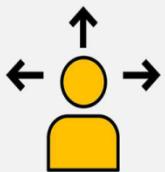
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Technology Stack



Data Science Capabilities : Advance Machine Learning



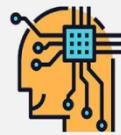
Optimization

Decode the most complex data, cast-out uncertainty, and gather insights to prepare for a smarter tomorrow.



Deep Learning

Learn from existing information to Forecast & Predict Future outcomes to drive Business Strategies



Reinforcement Learning

Turn information into advantage by mining log, rep comments, social listening and custom data sources

Our Development Process

01



Clients Requirements
Analysis

02



Project Planning

03



Budget Discussion

04



Technology
Assessment

05



Mock Up Design

06



Quality Check

07



Deployment

08



Ongoing Support



Gain Success with us

The Intelligent Choice for Every Business



Have a Project? Feel Free to Contact Us

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Thank You!