Customer centricity leveraging Al

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What does it mean to be a universal bank today?





New competitive landscape with different types of players







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What is more important: to be data rich or data driven?



 In 2000 who had better quality and scope of data about the customers needs: a bank or Amazon?

Revenue by Region

Amazon is the leading

40.4% of total U.S.

e-commerce sales

40.4%

e-commerce platform in America, accounting for

• And today?



AI makes it possible to reinvent the way customers relate and interact with the bank





To deliver a full transformation of a bank through AI it is key to have a well dimensioned and multidisciplinary team to ensure impact

Moving from:









AI First: to achieve impact with AI, banks must move from "here and there" use cases to set up a full fledge portfolio of AI driven use cases







From AI to impact: to ensure E2E business transformation the "Use Case" must be taken as the only acceptable "currency" of the transformation plan





Prioritize a data architecture capable of sustaining the envisaged AI driven bank





Focus on ready to scale infrastructure and robust E2E processes (several state of the art cloud solutions available)





BPI's AI strategy unfolds across 5 axis

Increase efficiency and accuracy of risk management

- Improve risk management through controlled use of ML (financial, operational)
- Improve efficiency and accuracy in compliance
- Upgrade fraud management to AI first

Personalize experience and maximize engagement

- Automate interactions with customers with predictive analytics of needs, behaviors, context & lifecvcle
- Align value proposition (product & journeys) with underlying segment (needs and behaviors)

Improve efficiency and customer satisfaction in key processes

- Automate "document heavy processes" with document AI
- Improve forecasting and resource allocation
- Promote "smart" automation by adding Al layers to robotics



Bring generative AI to full impact across key areas

 Leverage generative AI to promote automation, acceleration and augmentation of selected use cases (marketing & sales, operations, dev ops and legal, risk & compliance)



Provide data insights service

 Develop Advanced Analytics and Customer Insights service lines for areas with analytical synergies (e.g. Marketing, Ouality Control, ...)



AI personalization architecture needs to follow a coherent archetype considering existing infrastructure and competences



Complexity



AI builds an unique "propensity" portrait per customer allowing for a fully customizable approach





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Pushing the AI button will move the bank from every customer being a stick figure to become real people: different and unique





Capturing impact of personalization in a universal bank depends on an effective omnichannel deployment





It is important to prioritize according to calculated probabilities and prediction windows



 Long journeys (mild awareness) vs push on contextual sales opportunities (shortterm)

 Human (better for closing with hybrid customers) vs digital journeys (better for discovery & exploration or specific digitized segments)

Priority

Leads to be contacted urgently given increased probability, amount of data, number of positives, model maturiry and short prediction window

Exploring/Radar

Leads to keep under watch due to 1) increased probability, amount of data, number of positives, model maturiry or 2) short prediction window



Machine Learning based customer interactions are easily prioritized and thus improve efficiency in allocation of contacts





Customers are prioritized by propensity along with "explainability" based on individual underlying drivers translating into "unique" conversation

Call center operator

Score	Explainability	Script	
850	 High amount of payments done with credit card in recent days Annual credit card <i>plafond</i> Significant percentage of <i>plafond</i> usage 	"Did you know many of those who frequently used credit card opted to acquire personal loans instead? It allows you to have a controlled installment at lower interest rates."	 Key challenges: Promote proactive choreography adoption
Approach for Cu	stomer 2		Learn how to use
Score 850	Explainability	Script	scorings and
	 Considerable number of credit simulations within last months Frequently initiates credit proposals in the last months 	"Considering the interactions you've had lately searching for personal loans, we would be delighted to better understand your needs to be able to address them accordingly."	 explainability to generate contextual sales script Launch adoption forcing devices
pproach for Cus		_;	
Score	Explainability	Script	
750	 Increased volume in transactions in previous months 	"Considering the present economic context it is normal that household expenses arise. In that sense, we would like to offer you a way being able to	
/30	Regular withdrawals		



A more contextual approach based on customer propensity is key to achieve higher quality engagement and increased involvement





A predictive model currently under test to support an early waring system for the SME segment is able to anticipate 50% of true positives in top 3% of propensity

Early warning system developed with machine learning to predict default in next 180 days

Model currently under validation and not yet industrialized





To personalize focus on the customer is key: to be closer to the customers needs and context is what it means to be more "humane"









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