Unit-4

AI for Customers

using AI food Retention - Gorowing Bustomers Expectaltations, Retention and Chain, Many Unhappy Returns, cutomed sentiment, Caytomed feolutice, Poledictive customed feolutice.

growing Customen Expectations:

Just as "AI" Po deemed anything computers can't do yet "meeting expectations" is a never-ending scale.

As IBM steposted about the consumer Expectations study: " good enough" is today's "not even close".

Customen expectations are continuously evolving, deriven largely by advancements in technology.

and shifts in societal morans.

realization: Customers expect personalized experiences talloged to their personalized and needs. This include personalized alcommendations, customized cus

Instant Gratistication:

with the nise of on-demand senvices and tytpaced lisestyles, customers expect. Wick sesponces, tast delivery times, and immediate accept to information on assistance.

customent experience:
customent expert a reamless experience across
dissensent channels (es online, mobile app), where

they can switch blu channels without losing context (m of QOS.

Transparency and Trust: customers value transportency in pericing, policies , and data handling practices.

paroactive support:

Rathen than executive customer service, customer, apposectate proactive communication and support.

Emphosis on sustainability. Those is a growing expertation don businesses to demonstrate commitment to envisonmental and social presponsibility.

Advanced Technology Integration:

Contomers expect businesses to leverage advance! technologies such as AI, MI (and automation to enhance service estiminally, personalization, and overall customer experience.

Using AI boy customen netention involves employing technology to analyze cutomen behavior poroactively pose vent churin and enhance loyalty.

Peredictive Analytics: At algmo can analyze historical data to peredict which contomens are at risk of channing.

personalized Recommendations: AI algor con analyze customer presences and behaviours to osser personalized pe

Chatbots and Visitual Assistants:

AI powered chatboto can-porovide round-the-clock

customen supposit, additessing questes and issues promptly, which can enhance customen satisfaction and netention.

sentiment Analysis: AI can analyze cytomeg Seedback, neviews and social media sentiment to gauge cytomen satisfaction and sentiment torends.

[astorne] regimentation: AI can regiment customens.

Fredback Analysis:

AI can analyze feedback from surveys, review, and social media to identify recurring issues, (m oreas of improvement.

Retention and chusin :

Customen churn analysis helps you identity and focus on higher value customers determine what actions typically precede a bost customer on sale and better understand what factors influence customer retention.

Statistical techniques involved include survival analysis as well as Markov chains with 4 stages.

- -> Boyand new customes
- Returning coustomer
- Inactive (lost) constoney.
- deng with path analysis to understand how curtained e move some one state to another, to maximize possit.

-> Customer lisetime value

-s (ost of gusey acquisition

-10 Kg Retention.

Retention and charm one converded metalice in understanding customer loyalty and satisfaction:

Retention's Retention nesters to the ability of a business to keep existing customers over a specified period.

Hogh netention rates endicates satisfied castomers who continues to use products on services, contabut

tively to revenue and growth.

Churin: Churin (on attrittion, to the opposite of metention ; to represent the rate at which customers. stop doing business with a company over a given period.

High churn exater an signify dissatisfaction, competitive pressures, on other factory reconstraining customers to switch to alternatives.

Storategier and Reducing Churin:

- -> Costomes experience optimization
 - -> Data-deriven Presento
 - -> Personalization
- -> Continuous Engagement 10 months
- -> Feedback Mechanismi
- -> Value Paroposition Reinforg cement

Many Unhappy Returns ?

There are some customers you would present into the customers. They represent a detriment

to the bottom the ja -ve lisetime value.

companies that set up their systems to sell more and more to people who buy more and mogre without factoring in the cost of actuary are automating their own demise.

clear returns turns heavy-duty analytics on the problem of people returning the Ptemor they've

purchased.

Another cuptomen segment came to right while working with clear networks: the endulger.

the courtour's perchader chaptalind to populate Pts potoduct mix

The company can alter the descentiptions, images, and presentation of problem poloductor to set the proper level of expectation in the eyes. of theis customers.

Cytomes Sentiment:

BAIL the ways we can collect data about behavior online, most companies seem to blithely ignospe one set of metalics: then

castomen's scelings. It also allows for segmentation by attitude. Popup surveys on your webste compage customer satisfaction nesults within or across industries. The questions can be very specific and measure a visitogle likelihood of returning, buging, and recommending you to others.

We sted bomed of WT 62 that palmane only. find what they are looking for"

Machine learning can surface interesting things inas at no

We can also steview segments of people who did and did not take the surveys.

Instead of gust measuring half a % of visitor, we can priedict happiness and introppent you with an offen of a chot box, on prie-cache the next soll-over button (on pop-up some thing that suggesto behavior that leads to higher satisfaction.

Cytomen sentiment nestage to the overall attitude on emotions that customens exposes towards a brank, poroduct on scappics.

It is a critical aspect of understanding customer experience and satisfaction.

the Entiment:

In this, cytomers are likely satisfied with their interpactions, products on services. It can lead to loyalty, advocacy, and repeat by iness.

-ve entiment:

This indicates dissalistaction in disappointment among customens It can write towns issues such as poor customen sequile product quality problems in unmet expectations.

Neutral sentiment:

posettvity non negativity.

Impositance of Monitosing Customer Fentiment:

- -> customes experience imposovement
- => Byand Teputation
- Larly warning stand
- -> Competitive Advantage

nethods for measuring Cartomer sentiment:

-> social media wonitosing

- sentiment Analysis Tools.

Ey actively monitosing and spesponding to customes sentiment businesses can build stronger allationships enhance customer statisfaction, and employed overlass per postuments.

(mpous) Essingto:

priompt, accurate, and considerate customer service for vital to keeping customer satisfaction.

That means arguesting questions and solving; problems. Interpactive voice response systems and bots were enise with AI upgrades.

(all center support:

It all started with companier using customer data to route knoming telephone calls to the appropriate the presentative. Rules-based systems are fine for groups segmentation.

called several times before noute to sales.

If the customer is new, youte to enboarding.

The customen's payment is late, moute

+ If the call centry is over capacity, nouth

But an AI system can take into account mysted tacts about the caller as well as tacts about the caller as well as

mepole untatives.

IVP systems are now using speech recognition NLP, and tone analysis to determine whether the called is colm, cool and collected im bewitched i botheyed and bewildered on itate. AI systems can coach a step after each call, providing instant seed back and the arindoacement and offening suggestions of how to handle similar calls in the suturp.

Both:

Bots have been in the spotlight for the post couple of years and can be found embedded in products. Twitten streams, and customer searche applications. It is said that bots make up a little under in a little over half the trassec on the web.

In regular interaction with customers, bots age nelægated to mundane tagkor.

GIWYN-Girsts when You need.

Bots code dealing with text and they can do NLP and Erntiment analysis. They also recognize and categorize entities like people (poroduits). eltier, and the like to help with segmentation. mark zuckenberg has stærted a god of coreating a woorking version of tarivis from Dron Man, boto ære hard at work providing valuable scoppices, one small step at a time.

Do Application Boto:

Wichosoft keeper adding boto to skype. You can not your own automation with IFITT (If This then that), have Hipmunk help you with travel planning, have Sky Scanney and you cheap travel planning, have stybhyb and you cheap events tickets, en a conveysational way.

captern Bot: It wan understand the content of any image and It'll try to describe lt as well as any human.

condea: It is the personal medical and she will argued your health questions chelp you understand your symptoms cand connect you dispectly with a doctor via the secure king MD platform.

It'll help you get paid on time.

MPCa the Hipsten cot Bot: The perovides nestawant and pub venue informations and ecommendations.

Movie rolght: chat with Move Night to get -, show times and content and Privite your failends to the latest movies.

Summarize: No time to need an entire web

page? Just send a link to the

Summarize but to get an overview
of the main points. Powered by Bing.

UPS Bot . It is tool to help you intract with Ups. It tracks young packages, tind nearby UPS locations, calculate shipping nates and find the UPS stock price.

Build Youn Own Bot?

Post each incoming message, our deep newed now predict the case type and sields the

appropriate arguer along with a specific confidence rating.

Arguege above the confilence threeshold are automated, while the rest are regived as Protellegent prompts to agents.

The agent approver in personalizer them idustively

torolling the model.

The degital gentur crystem can peresell everyon codes case detalls, ungency, sentiment, and answer Mepetitive guestions though the use of ML and AI.

Wallten Pn Python, chatter Bot is a ML chatbot Avallable as a deree open source peroject.

Recognizing that algmo are more powerful when they have access to more data microsoft offers MS MARCO (Micolosoft MAchine Regally Compalehension).

Customen stance arestone to the support and. assistance parovided to customero belonge, dualy, and after there purchase or use of a product 60 Seg/1/66: 10 1/10/2019 00

Paredictive Castomer Stavice:

Another project being tested at USAA trier to improve customer stervice at involver an AI technology byilt by saffajon, a division of Intel using an apparoach designed to mimic the gandomness of the connections made by the human brain.

and AI to anticipate customen needs , behavious and source before they occup.

analyzing historical data and pattering, and processor can proactively address customer propriet potential problems, and kelling possential problems, and deliver possential problems, and

predictive Analytics: Using algor and ML models, pullnesses can analyze large datasets to pullnesses can analyze large datasets to phentily topicals and patterns in cutomen behavior. These enables them to predict future actions in needs of customens.

Anticloatory resistance: paredictive models can anticipate when a customer might need arsistance (or encountry an issue.

porsonalized Recommendations: Based on customer data analyses, predictive models can suggest selevant perducts, services im solutions tailored to individual preferences and part Porteractions. (hunn Prediction: Predictive analytics can identify customers who age at gisk of channing (leaving the storvice on poroduct). Optimized Resource Allocation: By paredicting customer scarpece demand and peak times, businesses can allocate stesowice effectively. Automation and chatbots: AI -powered chatbots can use paredictive models to offer personalized responser and recommendations in real-time. they can handle routine enquisites, seeing up human agents to bocus on moste complex essues. Benefito: 110 11

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