

CUSTOMER CARE: THE AGE OF THE BOT IS HERE

GenAI-powered chatbots will completely overhaul the \$130 billion contact-centre business

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hen Eva was born, she was only able to answer basic queries such as: basic queries such as: basic queries such as: basic queries such as: we have been such as: basic queries and possible of the various types of credit cardsavallable? A little over seven years on. HDPC Bank's artificial intelligence (Ah-driven customer an acrosym for Electronic Virtual Assistant, can pull out specific information pertaining to a customer, and even execute tasks such as sharring credit card statements, blocking a lost card, booking an TD and issuing a cheque loss, With each case was a loss of the control of the contro

new and gets better.
"While customs to move different "While customs the fine in harmely, type from the website, tap is dust banking to type to me website, tap is dust banking on whatskyp had nall scall the contact centre and interact with the voice assistant-wese ear uncreasing preference for digital self-cure; said Anjami Rathor, chef digital self-cure; said Anjami Rathor, chef digital at the increase in such interactions. Today, significant part of the 30 million. Today, significant part of the 30 million plus monthly customer interactions at India's largest private sector bank are prolated to the properties of the sector of the properties of the section of the sector of the section of the section

At white goods major Voltas, half of the customer engagements, including demo, installation and service requests, are now handled by bots. This is a massiveshift from 2018-19, when 295 of Customer calls were handled by human agents. Al Japunese bome appliances and consumer electronics major Panasonic India, bots handled 20% of the queries when they were introduced in 2020. Today, that has doubled.

The world of the contact centre, once manned by an army of humans, has been transformed by technology. With every new technological advance, from interactive voice responses (IVR) almost three decades back to chabtos a decade or so ago, the human army has become a little smaller, and the promise of Detter engagement between customers and companies has become bigger.

Al first, it was patchy, good enough noily for "routine" is assess that as restring a password, ordering a cheque book or updating an account's balance. That left all the stakeholders—the company, customers, and the human agents—wanting more. Complaining customers feet about talking to chatbots who can't comprehend their 'intent'. Human agents, on the other hand, have to turn the other cheek and endure their of Customers fand frequently, their abuses to tensure the company have representations.

sent appears to put the customer first.
But today, customer engagement is
dramatically changing thanks to Al.
Generative Al (GenAl) powered chatbots
are far better in comprehending and
processing human languages and
addressing customer needs than their

addressing customer needs than their earlier avatars. So much so, that in a 24 April interview with The Financial

with The Financial Times, K. Krithivasan, chief executive officer (CEO) of the S20 billion techservices major TCS, said that Al will result in a "minimal" need for call centres within a year. "Chatbots will soon be able to analyse customers' transaction history

and do musch of the work done by call centre agents," he noted. But there is a dark lining on that silver cloud. The outsourced contact centre industry, pegged to be worth \$120-130 billion globally at the end of 2923, will contact to \$89-105 billion in the next three to four years, according to Everest Group, a research and advisory group specializing

in the global services industry.
It's not as if the volume of work will
decline; but bots, which cost far less than
people, will take on more of the workload.
Simultaneously, human agents will
become more efficient, and focus on
more complex tasks, such as helping customers understand insurance policies
reschedule flight bookings, and so on.
And enterprises, consequently, will be
able to reduce their overall spends on

A LISH ON BOTS

The conduit between the company and to the cardes from face to fice interactions to perform calce when the call volume to the cardes from face to fice interactions to perform calce when the call volume to the cardes from face to fice interactions to perform calce when the call volume to the summer to the cardes from face to fice interactions to the cardes from the

There more intelligence built included to the control of the contr

sagu vindip, assuransam narvaeva in treatingly, there are more venture. Her Exotel, Granti ai and Yellow al bein set up today by entrepreneurs than ca centres, as technology is tilting the scale infavour of chatbots. The call centre was ended around the time the chatbot started appearing. It made way for a omichannel customer experience the included chatbots and social media plat forms such as Whatskypi.

Dots are getting bet

Bots are getting better but humans won't entirely disappear from contact centres, at least in the foreseeable future, for reasons spanning from regula-

atture, for reasons spanning from rejoin to technology limitations. While technology is improving, regulation could delay analket use of bots," said quartro's Roy. Contact entresprovide employment at scale and governments could step in ocheck a complete wipocheck and the second of the second of

term.
Besides, European and American regulators are coming up with guidelines on how companies portray chathots to website visitors, users and customers. California's laws restrain companies from making their chatbots appear as real humans. European regulators bar the approval of consumer loans by chathots.

Some sectors like banking may not lopt GenAI in a hurry.

"We are custodians of customer money and data. A cautious approach on GenAI, ensuring data privacy and security, is the right thing to do. A good part of our innovation technology is in-house," said HDFC Bank's Rathor. Also, banks see themselves evolving with deeper customer engagements on, say, wealth management and insurance, while bots take care of routine queries.

can't take over the entirety of contact centre operations. "You can't reschedule a flight via a chatbot," explained Gartner's Coshow.

Data privacy, security, and maintena ns (GenAl giving out incorrect or non sical information) are among the major allenges with GenAl-powered bots, We



ndustry," said Sharang Sharma, vice pres-

Roy pointed out that processes such as mortgage origination have 1,800 questions. "It's hard to say that it will all get

automated," he added.
On their part, contact centre companies
believe their future lies in a blended
model. "We use technology not replace
humans but to expand their capabilities
and accelerate resolution through converstional chatbois for simple queries. We
use our team of interaction experts for
more complex resolution," said Telepermore complex resolution," said Teleper-

Paris-headquartered Teleperformance has 500,000 employees globally and around 90,000 in India, serving more

half adolesents across manusers. Sweelsh outsuring company Transom acquired Gurgaorb based contact enter V.Comson in Pehranys (to expand as operations here. "Natural Integrated Gurgaorb here." Natural Integrated Gurgaorbon here. "Natural Integrated Gurgaorbon here." Natural Integrated Gurgaorbon here. Natural Integra

KEY TO ADOPTIO

Even as the call centre business stares tat its most disruptive moment with he proliferation of chatbots, customer atisfaction will be the key to quick adopion. Using only humans is suddenly seen san inefficient way to run a contact cenre," said Gaurav Vasu, CEO of Uncarthinisht, a Bengaluru-based consultancy.

"Omnichannel models, with human capability augmented by intelligent bots, will get

Those running contact centres, meanwhile, will see margin improvements with bots, compelling them to use more of them.

to use more of them.
Businesses will tilt
wards technology as these (customer
re divisions) are seen as 'cost centres',
sich won't add to their bottomline.

which won't add to their bottomline. According to Unearthinsight, pure 34 According to Unearthinsight, pure 34 H38 margin: humans combined with 84 H38 margin: humans combined with bots and email support is 12-138. Adding maintenance will widen that to a 14-159 could be a support of 15 to 150 and 150 a

When that teenager gets to he grandma's age, she may not even remen ber that an army of humans once popu lated contact centres. To be sure, they? still be around, is not so many of them Indeed, contact centres will increasingly become chatbotic entres. But that also means there's likely to be a less-harses human being waiting to answer that cal when it is beyond the chatbot's capability. And that's a wire, win for all.



million this year.

HOW THE BOTS EVOLVED

A bout a decade back the early cl
bouts searched for keywords in the clike, reset password or bank balan
While they could do frequently as

questions (FAQ) & work, the experi was not too gree anything that requ transaction. But if free up human a time to focus on complex tasks. Then came in

n. based bots—if a cutomer asked for a recoloured Air Jorda toe, the bot knew the customer was look g for a shoe. The bots got a boost as the orld shut down during covid and con-

nswer customer queries. Now, a GenAl version chatbot can inderstand out-of-context text. So, if a ser asks, "I have knee pain, which shoe

"Contact centres have problems with hiring, training, attrition and customer satisfaction. With chatbots these problems are getting resolved," said Ganesh Gopalan, co-founder and CEO of Gnaniai. Set up by a group of former Texas Instruments engineers, Gnaniai is a conversational AI platform backed by Samsung Ventures

er natural language processing capabiliies, lower costs also work in their favour. According to industry estimates, the avergue per-employee cost of a contact centre ranges between 33,00,00 to 445,000 per month. Each agent does around 1,000 alls a month at 18 to 16 20 per call. Chattoots, on the other hand, are able to deliver it 33 to 15 per 18 to 18 to 18 to 19 to 19 to 18 to 18

t ₹3 to ₹5 per call. Bots today are learning both from his