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The Guide to Generative AI Mastery:

Elevating Customer Experience
in Contact Centres

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The Power of Generative AI in Contact Centres

In recent years, the rapid advancements in artificial intelligence (AI) have revolutionised various industries, and contact centres are no exception. Generative AI, a subset of AI that focuses on creating new content, has emerged as a powerful tool for transforming customer service operations in contact centres.

What's the difference between AI and Generative AI?

Generative AI is a sophisticated class of algorithms and models, crafted to vast datasets. These models excel at imitating human-like interactions, enabling them to comprehend and generate responses to customer queries in a conversational manner.

Importance of AI in Contact Centres

Contact centres play a pivotal role in facilitating interactions between businesses and customers, managing queries, resolving issues, and offering support through diverse channels like phone calls, emails, social media and chat platforms.

Contact centres must also evolve with customer preferences to cater to the rising need for personalised, efficient, and seamless customer service.

Generative AI presents the opportunity to automate repetitive and time-consuming tasks, enhance response times, and provide tailored interactions, leading to elevated customer experience and loyalty.



But how does Generative AI actually work?

Cutting through the jargon

Generative AI differs significantly from other AI approaches, such as rule-based systems and machine learning algorithms, and these differences hold particular importance in the context of contact centres.

Rule-Based Systems

Traditional rule-based systems rely on fixed rules and decision trees to respond to customer queries. While they work well for simple questions, they can struggle with more complicated or unexpected situations.

Contact centres using rule-based systems may face challenges in growing and adapting as modifying rules requires manual changes and thorough testing.

Machine Learning Algorithms

Machine learning algorithms, like those based on supervised, unsupervised, and reinforcement learning, rely on labelled data to make predictions or decisions.

While they work well for tasks like sorting and forecasting, they struggle with creating responses that sound human-like or understanding complex language nuances.

Training these models also requires a lot of work in terms of labelling data, setting up features, and adjusting the model, which can be time-consuming and resource-intensive for contact centres.

So, what makes Generative AI so great?

Generative AI models, such as the Generative Pre-trained Transformer (GPT), offer a superior alternative to traditional rule-based systems and machine learning algorithms. GPT's ability to generate human-like responses and understand complex language nuances without extensive manual involvement sets it apart.

Unlike rule-based systems constrained by predefined rules, GPT's flexibility enables it to handle diverse queries, even in unpredictable scenarios. Additionally, GPT excels at natural language understanding and response generation, making it a highly efficient and effective solution for contact centres aiming to improve customer interactions and streamline operational processes.

Benefits of Generative AI in Contact Centres

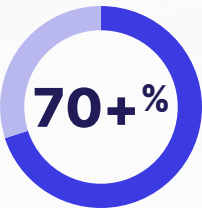
Generative AI, with its ability to mimic human-like responses and understand natural language, offers a plethora of advantages for contact centres.

Enhancing Customer Experience

Generative AI empowers contact centres to deliver more personalised and efficient customer experiences.

AI-powered chatbots and virtual assistants can handle routine queries by providing immediate responses and freeing up human agents to focus on more complex issues. With natural language processing (NLP) capabilities, generative AI ensures that customer queries are accurately interpreted and addressed, leading to higher satisfaction levels, and improved first-contact resolution rates.

Did you know?



With over 70% of customers now expecting conversational service when contacting businesses, there's never been a better reason to invest in AI-powered chat functions.



Five9's IVAs are revolutionising the way businesses interact with customers through automated, round-the-clock service and support. [Find out how Five9's IVAs can help your business unleash its productivity potential.](#)



Zendesk Messaging and Live Chat are transforming customer experience (CX) by meeting customers on their preferred channels – whether it's through your website, mobile app, or popular social platforms, like WhatsApp and Facebook. [Find out how to integrate messaging into your existing business tools and enjoy instant support for customers, partners, and employees with a simple click.](#)

Benefits of Generative AI in Contact Centres

Increased Operational Efficiency & Cost Savings

Through the automation of routine tasks and management of a significant number of customer queries without human intervention, contact centres can optimise their resource allocation and significantly boost operational efficiency.

AI-driven tools support agents in real-time by offering dynamic scripting suggestions, relevant knowledge base articles, and recommendations for case resolution. By automating repetitive tasks, generative AI enhances operational efficiency, reduces average handle time (AHT), and boosts agent productivity. Which allows agents to concentrate on more complex or emotionally charged customer queries. While also providing customers with the option to switch to voice conversations for issues they wish to escalate directly with an agent.

Did you know?



The average agent spends anywhere from 30 seconds to a few minutes in the "after-call work" state, completing call summaries and filling in client details.

Reducing the reliance on human agents when handling routine queries allows contact centres to achieve substantial cost reductions in terms of staffing and operational expenses. AI-driven automation allows contact centres to scale their operations more efficiently, accommodating fluctuations in customer demand without incurring additional overhead costs.



Five9's Agent Assist can reduce your wrap-up in average handling time by a conservative 50%.

Five9's Agent Assist automates post-call transcription and summarisation, boosting operational efficiency and enhancing customer experiences in contact centres.

With features like AI Summaries and Real-Time Transcription, Agent Assist reduces call wrap-up time, improves data accuracy, and empowers agents to deliver personalised customer interactions.

[Learn more about Agent Assist here.](#)

Benefits of Generative AI in Contact Centres

Enhanced Scalability and Flexibility

Generative AI offers greater scalability and flexibility to adapt to changing business needs and customer requirements.

AI-powered systems can easily handle fluctuations in call volumes and peak traffic periods, ensuring consistent service levels, even during busy periods.

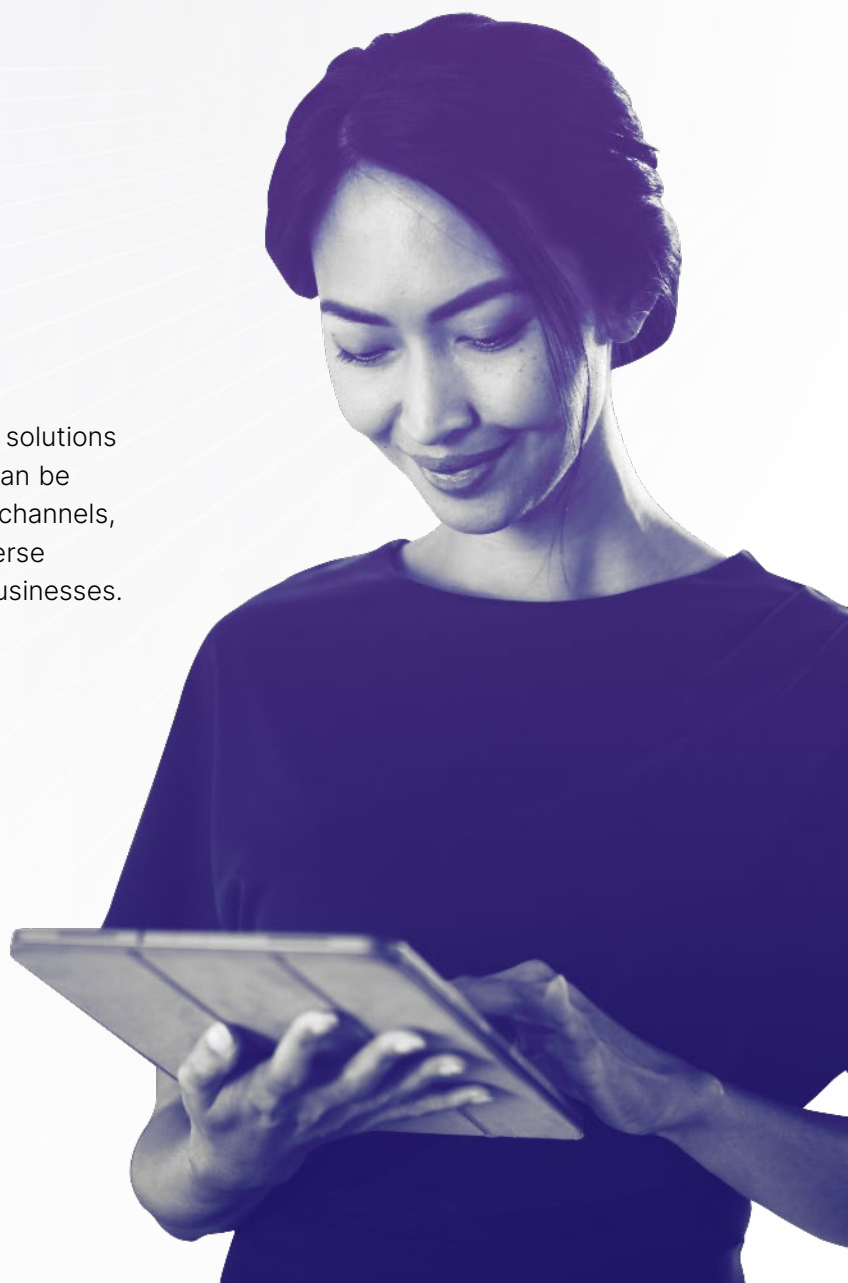
AI algorithms can quickly adapt to new situations and environments, allowing contact centres to scale their operations up or down as needed without significant manual intervention.

Did you know?



The versatility of cloud contact centre solutions and the intelligence of AI technology can be combined to optimise communication channels, enhance data security, and flex to diverse operational requirements of modern businesses.

By leveraging the combined flexibility and scalability of AI and cloud technologies, organisations can enhance customer interactions, streamline operations, and deliver exceptional experiences, empowering businesses to succeed in an ever-evolving digital landscape. To find out more, check out our guide on [How AI & the Cloud Can Enhance Your Contact Centre](#).



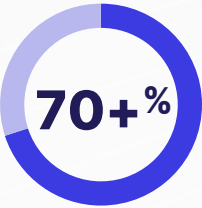
Benefits of Generative AI in Contact Centres

Personalisation and Customisation

With generative AI, customer interactions can be personalised and customised according to individual preferences, past interactions, and browsing history. AI-powered systems can quickly analyse vast amounts of data in real-time to tailor responses, recommendations, and offers to each customer's specific needs and preferences. This level of personalisation enhances customer experience, fosters stronger customer relationships, and increases customer lifetime value.

By delivering personalised and efficient customer experiences, contact centres can improve customer retention rates, increase cross-selling and upselling opportunities, and ultimately drive business growth. Additionally, generative AI enables contact centres to adapt quickly to changing market dynamics and customer preferences, ensuring long-term success and competitiveness.

Did you know?



70% of organisations are actively investing in technologies and tools that automatically capture and analyse intent signals.



Zendesk's cutting-edge AI technology harnesses generative AI to elevate customer experiences across voice, chat, and text channels. Through Advanced AI capabilities, Zendesk expands agent responses, adjusts tone, and measures call sentiment, all while identifying customer intent for more streamlined and productive interactions.

By utilising generative AI, Zendesk ensures that conversations are not only more effective, but also tailored to meet the unique needs of each customer.

Benefits of Generative AI in Contact Centres

Optimising Customer Feedback and Insights

While collecting sentiment data is valuable, its true potential lies in how businesses leverage this information to drive actionable insights and improvements.

Through AI-driven analytics, organisations can analyse customer interactions across various channels, identify emerging trends, and predict customer behaviour. Armed with these insights, contact centres can drive informed decisions, anticipate customer needs, and continuously elevate their services through data-driven strategies.

Did you know?



Five9's Intelligent CX Platform enables you to gather real-time customer feedback, track sentiment, and enhance engagement across multiple channels. Equip your business to proactively address customer needs, strengthen relationships, and drive meaningful conversations. Find out more [here](#).



Benefits of Generative AI in Contact Centres

Interactive Customer Education and Training

Generative AI's ability to learn from customer interactions is a valuable asset in equipping agents with essential knowledge and enhancing self-service capabilities in contact centres. By analysing customer interactions, AI systems can identify common issues and develop automated solutions.

This process allows for the creation of automated responses that can be integrated into chatbots, enabling customers to resolve their queries without agent intervention. This seamless integration of AI-generated solutions helps agents better understand customer needs and preferences while improving the efficiency of self-service options.

It also enables contact centres to build and maintain comprehensive knowledge management systems. AI-powered systems can analyse vast amounts of data, including historical interactions, customer feedback, and support documentation, to generate and organise knowledge base articles dynamically. This ensures that agents have access to up-to-date and relevant information, enabling them to resolve customer queries more effectively and efficiently.

Did you know?



Generative AI for Knowledge Base by Zendesk utilises Open AI technology to help accelerate the creation of help centre articles.

It allows agents to quickly expand and change the tone of their articles, making them more comprehensive and friendly or formal. This feature helps increase productivity by cutting down the time it takes to create articles and ensures consistent tone and content across the knowledge base and brand.

How Generative AI Empowers Agents



Efficiency Through Automation

Generative AI assists agents in streamlining interactions and resolving queries swiftly, leading to improved first-contact resolution rates and enhanced efficiency in issue resolution processes.



Enhanced Knowledge and Problem Solving

By leveraging Generative AI for learning and problem-solving support, agents gain a deeper understanding of customer needs, resulting in more holistic solutions, improved issue resolution rates, and heightened proficiency in addressing complex cases.



Why Empowering Agents Is So Important

- Engaged agents drive an 87% increase in first-contact resolution rates.
- Cross-training agents leads to a 63% improvement in issue resolution efficiency.
- Real-time communication methods reduce repeat contact by 45%.
- Improved agent morale results in a 72% decrease in attrition.
- Prioritising first-contact resolution over average handle time (AHT) boosts customer satisfaction by 56%.

Learn more about igniting agent empowerment to drive unparalleled customer experiences, in ContactBabel's latest report, "[The Inner Circle Guide to Agent Engagement & Empowerment](#)", sponsored by Onecom.

How Generative AI Empowers Contact Centres

Customers

Enhanced Engagement and Increased Loyalty

Personalised customer interactions using Generative AI deepen engagement, build loyalty, and foster lasting relationships.

Scalable Service Excellence

The ability to seamlessly adjust to fluctuating demands ensures consistent, high-quality service to meet evolving customer needs effectively.

Actionable Customer Insights

With Generative AI analytics, contact centres can glean valuable customer insights, driving informed decisions, predicting trends, and enhancing services to exceed customer expectations.

Customer-Centric Focus

Generative AI empowers agents to prioritise customer-centric resolutions by providing real-time data insights and personalised assistance.

This support helps agents seamlessly address customer issues with a focus on enhancing the overall customer experience.

Managers

Enhanced Operational Efficiency

Generative AI streamlines tasks, boosts productivity, and optimises resource allocation, empowering contact centre managers to run operations more efficiently and effectively.

Actionable Insights for Improved Decision-Making

Leveraging generative AI analytics in your contact centre operations offers a wealth of data-driven insights that can significantly impact decision-making and strategic planning. By analysing customer interactions and sentiment through AI-powered tools, managers can identify emerging trends and patterns in customer behaviour. This information allows you to proactively adjust service strategies, anticipate customer needs, and enhance overall customer satisfaction.

Additionally, by tracking key performance indicators such as response times, resolution rates, and customer feedback, generative AI analytics provide actionable metrics that enable managers to fine-tune operational processes and optimise resource allocation. Ultimately, this data-driven approach empowers contact centre managers to continuously improve service delivery and adapt to evolving customer demands effectively.

Workforce Management

While much attention is given to customer-facing benefits, Generative AI also aids internal workforce management. Zendesk Tymesift provides real-time team reporting, AI-driven workload forecasting, and automated agent scheduling, offering a quick and efficient solution for managing agent activity and schedules. This results in up to 80% reduction in overtime costs and a 70% decrease in scheduling time.

Implementing Generative AI in your Contact Centre



Identifying Contact Centre Challenges and Pain Points

Start by recognising the specific challenges and pain points your contact centre encounters. These could range from long wait times, high call volumes, agent burnout, or difficulties in handling complex queries. Identifying these obstacles will help to pinpoint the areas where generative AI can prove the most valuable for your contact centre.



Defining Use Cases and Objectives

Once the challenges are identified, define clear use cases and scenarios where your contact centre could benefit from generative AI functionalities and set objectives accordingly.

For example, use cases may include automating responses to common queries to free up agent time, providing agent assistance with real-time scripting to reduce manual inputs, or improving knowledge management systems for agent training and customer self-servicing capabilities.

Set measurable goals such as reducing average handling time, increasing first-call resolution rates or improving customer satisfaction (CSAT) scores.



Implementing Generative AI in your Contact Centre

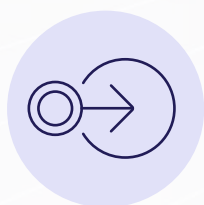
Data Preparation and Collection

Generative AI models rely on robust training data to learn from. Collect and prepare historical customer interactions, such as chat logs, call recordings, emails, and service tickets. It's crucial that the data covers the full spectrum of queries handled by your contact centre to learn from.

Model Selection and Customisation

Select a generative AI model that aligns with the specific use cases and objectives identified for your contact centre. Consider factors such as the model's language capabilities, scalability, and compatibility with existing your systems, such as your CRM (Customer Relationship Management) system. Customise the model as needed to fine-tune its responses and ensure relevance to your contact centre environment.

Did you know?



With Five9's latest **GenAI Studio**, refining your generative AI solution has never been easier. GenAI Studio empowers users and contact centre managers with the flexibility to specify use cases and prompts tailored to their requirements.

These configurations can be tested before deployment into the system for seamless functionality. With just a handful of use cases and prompts, the model can kickstart its operations, guiding **Five9's Agent Assist** technology for tasks like auto-summarisation, transcription, and suggesting agent responses.

Real-time updates to prompts ensure adaptability for the business, allowing contact centre managers to make swift adjustments effortlessly. Alternatively, the generative AI is intuitive, adapting with consistent use and direction. By selecting preferred response suggestions, the system learns and generates new prompts, which can be easily customised to align with your contact centre's specific needs.

Implementing Generative AI in your Contact Centre

Integration with Contact Centre Systems

Integrate the generative AI solution seamlessly into your contact centre systems and workflows. This may involve integrating with existing CRM platforms, ticketing systems, knowledge bases, and communication channels. Ensure that the AI solution can handle omnichannel interactions to seamlessly transition between your different communication channels as needed.

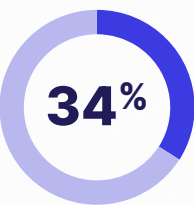
Monitoring and Continuous Improvement

Track key metrics such as response accuracy, customer satisfaction ratings, and agent productivity. Gather feedback from both customers and agents to identify areas for improvement and iterate the model and workflows accordingly. Continuously optimise the solution to adapt to changing customer needs and business requirements.

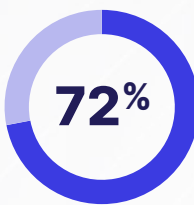
Agent Training and Collaboration

Provide comprehensive training to contact centre agents on how to effectively leverage generative AI tools in their day-to-day operations. Train agents on how to use AI-powered chatbots, virtual assistants, or real-time scripting tools to enhance their productivity and efficiency. Foster collaboration between agents and AI systems, emphasising the role of AI as a support tool rather than a replacement for human agents.

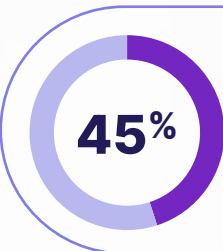
Did you know?



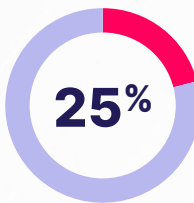
Only 34% of agents say they understand their department's AI strategy.



Although 72% of CX leaders claim they have offered sufficient training in generative AI tools, over half of agents report receiving no training.



And of the 45% of those who have received training



only 21% are satisfied with it.

Ensuring Data Privacy and Security when implementing Generative AI



6 in 10

While 83% of CX leaders believe their customers trust their data security efforts, six in ten consumers feel that companies are not meeting their expectations in this area.

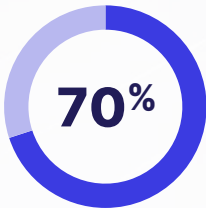
Protecting customer data is paramount when integrating generative AI in contact centres.

It is essential to strictly adhere to data privacy regulations, such as GDPR or PCI compliance, to safeguard sensitive customer information effectively.

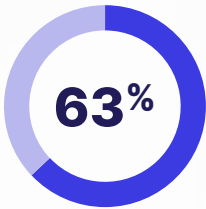
Contact centres should implement robust data encryption, access controls, and anonymisation practices to minimise the risk of data breaches and unauthorised access.



Did you know?



of consumers won't purchase a product or service from a company they view as having lacklustre security measures.



of consumers are concerned about potential bias and discrimination in AI algorithms and decision-making.

Ensuring Data Privacy and Security when implementing Generative AI

Maintaining Transparency and Explainability

Transparency and explainability are critical for building consumer trust and confidence in AI-driven systems.

Contact centres need to ensure that AI tools are transparent about their abilities, constraints, and decision-making processes.

Clear communication with customers regarding AI interactions and data usage is vital. Moreover, mechanisms should be in place for customers to seek explanations or clarifications on AI-generated response.

This feature could be a simple "Ask for more information" button that, when clicked, prompts the AI-chatbot to provide a more in-depth explanation or reasoning behind its answer. This mechanism empowers customers to seek clarification and enhances transparency in AI interactions.

Continuous Monitoring and Improvement

To maintain optimal performance, ongoing monitoring and refinement of generative AI systems are essential.

Contact centres should establish robust monitoring processes to track key performance metrics, identify potential issues or anomalies, and proactively address them.

Continuous training and development of AI models incorporating new data and feedback is vital for enhancing accuracy, relevance, and responsiveness over time.

Ensuring Ethical and Responsible Use

Contact centres must uphold ethical standards while deploying any new technology.

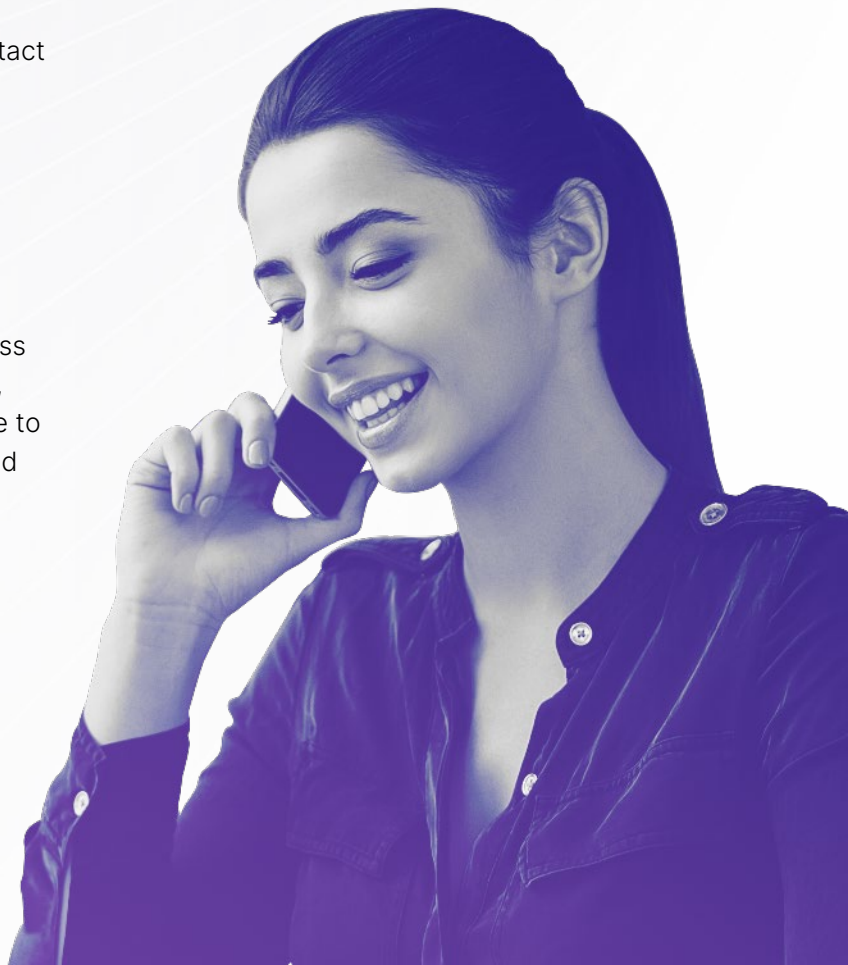
Ensure that AI systems are used responsibly and ethically, respecting customer privacy, autonomy, and dignity. Establish clear policies and procedures for the ethical use of AI, including guidelines for data collection, usage, and retention.

Foster a culture of ethical AI within the organisation, promoting transparency, accountability, and responsible decision-making at all levels.








Unlocking the power of Generative AI in Contact Centre Operations

The full summary

- Generative AI technologies, such as the Generative Pre-trained Transformer (GPT), empowers contact centres to automate responses, streamline operations, and enhance customer experiences.
- By leveraging generative AI, contact centres can handle a wide range of customer queries, provide personalised engagement, and improve operational efficiency.
- Handle a wide range of customer queries, including complex and nuanced queries, with greater efficiency and accuracy.
- Implementing generative AI in contact centres requires careful planning, data preparation, model selection, integration, and continuous monitoring.
- While generative AI presents numerous benefits for contact centres, organisations must address challenges related to data privacy, bias, transparency, and ethical use to ensure responsible deployment and compliance with regulations.
- Adapt to evolving customer needs and preferences without the need for manual intervention or extensive training data.
- Provide personalised and contextually relevant responses to customers, enhancing their overall experience and satisfaction.
- Streamline operations and reduce reliance on manual processes, leading to cost savings and improved productivity.



The Complete Checklist for Generative AI Deployment

-  **Identify specific challenges and pain points** faced by the contact centre
-  **Define clear use cases and objectives** for implementing generative AI functionalities
-  **Collect and prepare historical customer interaction data** for building your knowledgebase and training the AI model
-  **Select and customise a generative AI model** that aligns with the identified use cases for your business
-  **Seamlessly integrate the AI solution** into your existing contact centre systems and workflows
-  **Provide comprehensive training to agents** on leveraging generative AI tools effectively
-  **Monitor key metrics and gather feedback** for continuous improvement of the AI solution



Onecom is here to guide you on your generative AI journey.

Book a free discovery session with us today.

We'll match our expertise and solutions to your needs
and take care of the heavy lifting for you.

www.onecom.co.uk

