

AI-Powered Chatbots for Dynamic Quotation Generation

This presentation introduces an innovative AI chatbot designed for generating dynamic product quotations within e-commerce platforms. This intelligent chatbot streamlines the quotation process, providing personalized and accurate pricing for customers.

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Challenges in Product Quotation Generation

Manual Quotation Process

Traditional methods involve manual calculations and data entry, leading to inefficiencies and errors.

Inconsistent Pricing

Different sales representatives may provide varying quotes, creating confusion and lack of transparency.

Time-Consuming

Generating personalized quotes can be time-consuming, potentially leading to customer frustration and delays.



Benefits of Dynamic Product Quotation

1 Real-Time Pricing

Quotes are generated instantly based on product specifications and customer requirements.

2 Accurate Calculations

The AI system ensures accurate pricing based on predefined rules and data.

3 Personalized Offers

Quotes tailored to individual customer preferences and specific product configurations.

4 Improved Efficiency

The automated process streamlines quotation generation, saving time and effort for both customers and businesses.

Key Features of the AI Chatbot

Natural Language Processing

The chatbot understands and responds to natural language queries, enabling seamless communication with customers.

Product Knowledge Base

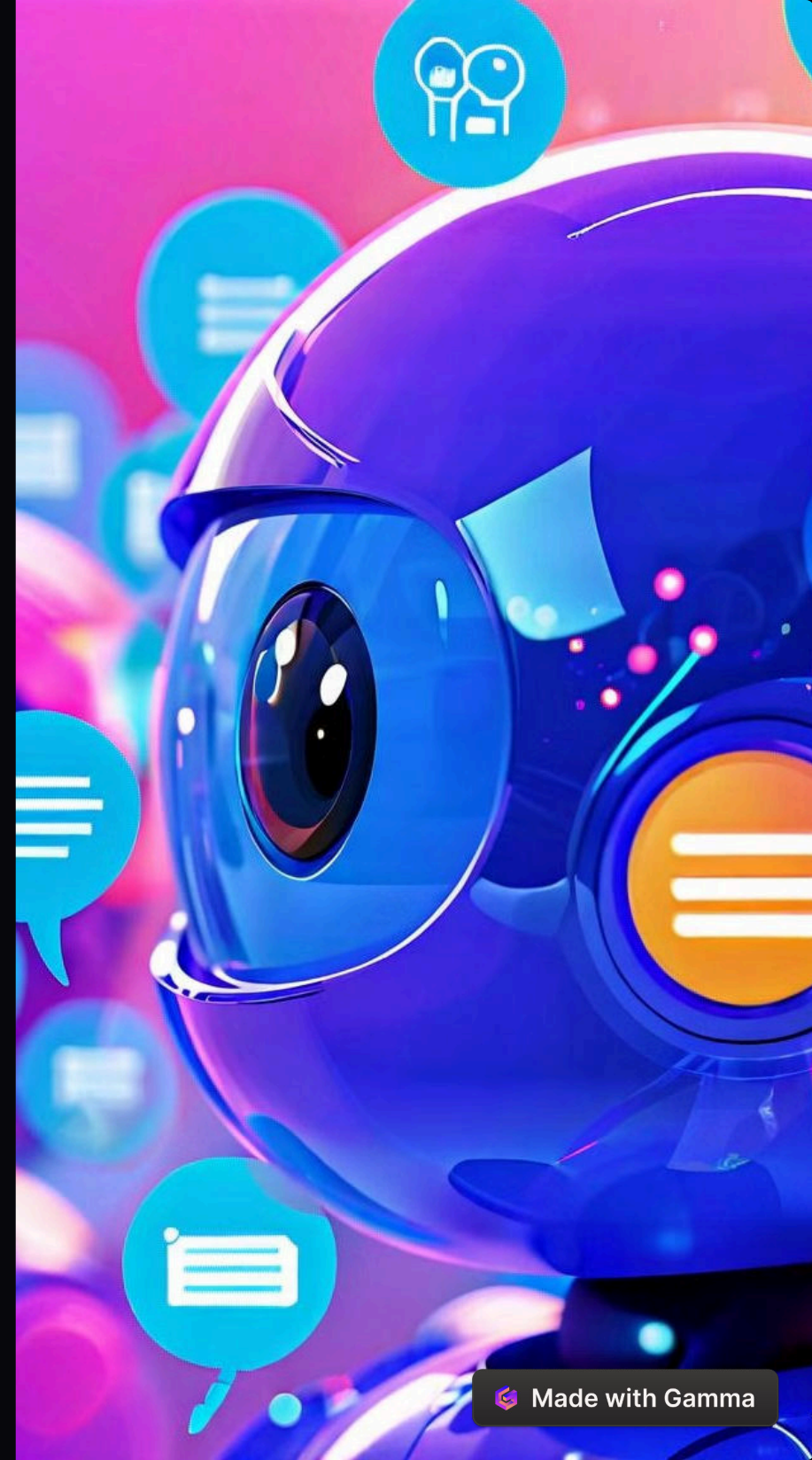
A comprehensive database of product information, including pricing, specifications, and availability.

Dynamic Price Calculation

The AI engine dynamically calculates quotes based on user inputs and predefined rules.

Interactive Interface

A user-friendly interface provides a clear and intuitive experience for customers.



Data Sources and Model Training

1

Product Catalog

The AI model learns from the product catalog, extracting key features, pricing details, and other relevant information.

2

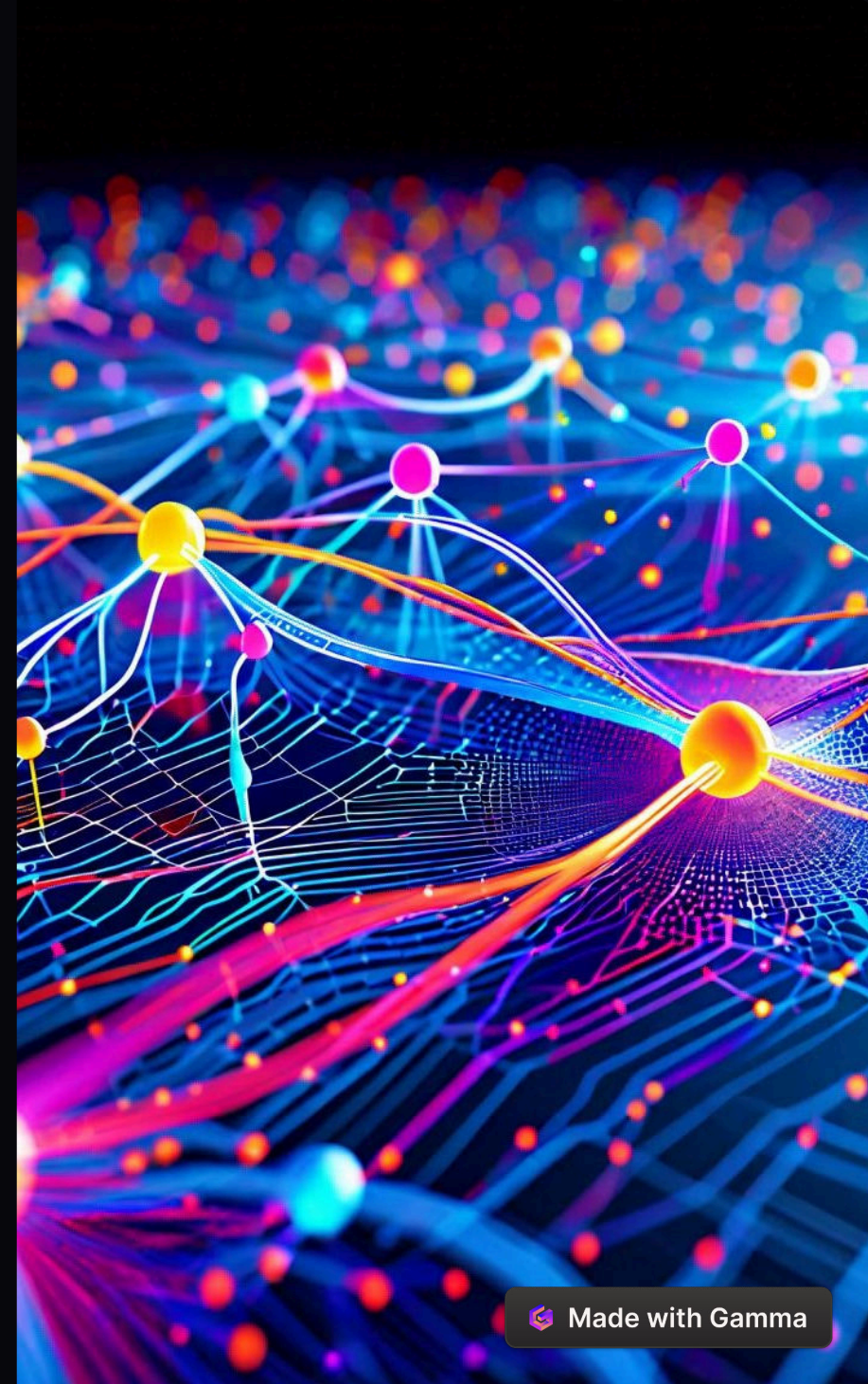
Historical Sales Data

Past transactions provide insights into customer preferences and market trends, enhancing pricing accuracy.

3

Market Data and Competitor Analysis

Data from market research and competitor analysis helps refine pricing strategies and ensure competitiveness.





Integration with E-commerce Platforms

1

API Integration

The AI chatbot integrates seamlessly with popular e-commerce platforms via APIs, providing real-time data exchange.

2

User Authentication

The chatbot retrieves customer data from the e-commerce platform to ensure personalized quotes and recommendations.

3

Order Processing

The chatbot facilitates order placement and management directly within the e-commerce platform.

Personalized User Experience



Personalized Recommendations

The chatbot recommends products based on customer preferences, browsing history, and purchase patterns.



Customizable Quotes

Customers can modify product configurations and receive updated quotes in real time.



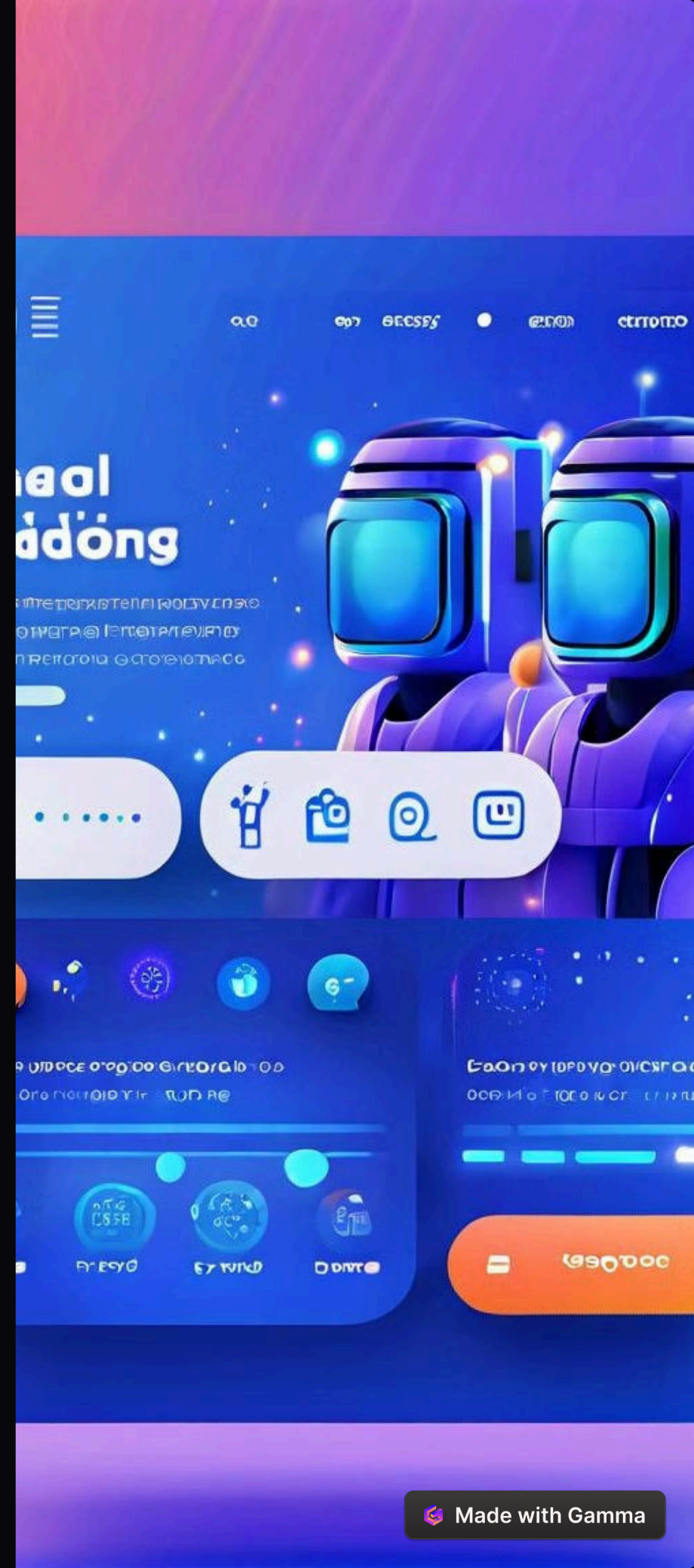
Interactive Communication

The chatbot engages with customers in a conversational manner, providing clear and concise information.



Saved Quotes and Preferences

Customers can save quotes for later review and easily retrieve their preferred product configurations.



Future Developments and Roadmap

Advanced Product Recommendations	Enhanced personalization and predictive analytics for improved customer engagement.
Multi-Channel Integration	Integration across multiple communication channels, including social media and mobile apps.
Voice-Enabled Quotation	Integration with voice assistants for a hands-free and intuitive quotation experience.

