AI on Enterprise Applications

A comprehensive & cost-effective solution to enhance your business processes with AI capabilities

Integrating artificial intelligence (AI) into your existing line-of-business (LOB) systems, such as customer relationship management (CRM), enterprise resource planning (ERP), or human resources management (HRM), can help improve operational efficiency, customer satisfaction, employee engagement, and business insights.

With Azure AI services, AI can easily be created for enterprise applications, using various services and tools that suit your needs and budget, adding AI capabilities such as natural language processing, computer vision, speech recognition, machine learning, chatbots, and data analytics.

YASH Technologies offers AI for Enterprise applications with a comprehensive & cost-effective solution that covers the following aspects:

Implementing AI in content generation, search, and process automation involves leveraging various AI technologies and techniques to enhance productivity, accuracy, and efficiency. Here are some detailed approaches for each area:

Content Generation	Content search	Process Automation
Text Generation	Semantic Search	Task Automation
Content Summarization	Voice Search for customers	Workflow Automation
Language Translation	Personalized Recommendations for End Users	Predictive Analytics in Supply Chain
Dynamic Content Generation	Context-aware Recommendations to User	Automated Decision Systems
Interactive Content	Visual Search based on products	Chatbots and Virtual Assistants
	Content-based Video Search	Automated Email Responses

Effect of AI on Enterprise Applications

AI-Enabled Customer Service	AI-Enabled Supply Chain Management	AI in Healthcare	AI in Finance
• **Use Case:** AI-driven customer service enhances personalization and automates routine queries. • **Enterprise Value:** Reduces response time, improves customer satisfaction, and allows human agents to focus on complex issues.	• **Use Case:** AI optimizes visibility, demand forecasting, and inventory management. • **Enterprise Value:** Minimizes supply chain disruptions, reduces costs, and enhances efficiency in logistics and stock management.	• **Use Case:** AI transforms healthcare with advanced diagnostics, drug discovery, and personalized treatment. • **Enterprise Value:** Improves patient outcomes, accelerates medical research, and enhances operational efficiency in healthcare institutions.	• **Use Case:** AI strengthens fraud detection, risk management, and customer experience in financial services. • **Enterprise Value:** Reduces financial fraud, enhances investment decisions, and delivers seamless, personalized customer interactions.

Additional Benefits

AI tools streamline customer service tasks, saving time on key activities: • **FAQs Responses:** Saves 1.2 hours/week. • **Knowledge Base Creation:** Saves 0.4 hours/week. • **Customer Feedback Analysis:** Saves 0.4 hours/week. • **Client Interaction Summaries:** Saves 1 hour/week.	AI tools save time across various supply chain activities: • **Demand Forecasting:** Saves 1.2 hours/week. • **Inventory Optimization:** Saves 0.4 hours/week. • **Supplier Performance Analysis:** Saves 0.4 hours/week. • **Logistics Planning:** Saves 1 hour/week.	AI tools save time across critical healthcare activities: • **Medical Data Analysis:** Saves 1.2 hours/week. • **Research Summaries:** Saves 0.4 hours/week. • **Patient Feedback Analysis:** Saves 0.4 hours/week. • **Treatment Plan Optimization:** Saves 1 hour/week.	AI tools save time across key financial operations: • **Analyze Financial Data:** Saves 1.6 hours/week. • **Generate Reports:** Saves 1.2 hours/week. • **Automate Invoice Processing:** Saves 0.8 hours/week. • **Forecasting:** Saves 0.4 hours/week.

Implementation Steps

Assessment and Planning	Data Collection and Preparation	Model Development and Training	Integration and Deployment	Monitoring and Maintenance
• Identify specific use cases where AI can add value. • Conduct a feasibility study to understand technical and financial implications. • Develop a detailed implementation plan, including timelines and resource allocation.	• Gather and preprocess the data required for training AI models. • Ensure data quality and consistency to improve the accuracy of AI predictions and outputs.	• Choose appropriate AI models and algorithms based on the use case. • Train the models using historical data, ensuring they learn to perform the desired tasks accurately.	• Integrate AI solutions with existing systems and workflows. • Test the AI systems thoroughly to ensure they perform as expected in real-world scenarios. • Deploy the AI solutions, monitoring their performance and making adjustments as necessary.	• Continuously monitor AI systems to ensure they operate efficiently and effectively. • Update and retrain models periodically to maintain accuracy & adapt to changing conditions. • Gather user feedback to identify improvement areas and make necessary enhancements.

Duration

The duration of our offer for AI infusion for LOB systems with Azure AI depends on the scope and complexity of your project and the number and type of Azure services and tools you choose to use. However, we estimate that the average duration of our offer is between 3 and 6 months, from the assessment to the deployment phase.

Price

The price of our offer for AI infusion for LOB systems with Azure depends on the scope and complexity of your project, as well as the number and type of Azure services and tools you choose to use. However, we estimate that the average price of our offer is between $50,000 to $100,000, excluding the Azure subscription fees and the data storage and processing costs.

We offer a flexible and transparent pricing model, based on the following components:

Consulting fees:

Fixed hourly rate for our consulting services, which include the assessment, design, implementation & deployment phases of your AI infusion project.

Azure fees:

Variable rate for the Azure services and tools you use for your AI infusion project, based on the Azure pricing calculator and the actual usage and consumption of the Azure resources.

Training and support fees:

Fixed monthly rate for the training and support services that we provide for your AI infusion solution, which include user training, technical support, and maintenance services.