

We Will ChatGPT Your Way To Optimized Business Operations!

Discover the optimal solution tailored to meet your specific business needs

We are committed to helping you identify and implement Generative AI solutions that will streamline your business operations, drive measurable results, and facilitate the achievement of your business objectives.

What Can **Generative AI** Do for You?



Data Synthesis and Analysis

Augment, enrich, and analyze datasets, thereby facilitating data-driven decision-making processes.



Product and Service Personalization

Enhance customer experiences through personalized products and services, driven by generative algorithms that cater to individual preferences and needs.



24/7 Support Service

Deploy GAI-driven chatbots and virtual assistants to offer instant customer support and ticket creation, enhancing customer satisfaction and operational efficiency.



Intelligent Document Processing

Automate and optimize the extraction, processing, and management of data from documents, freeing up resources for higher-value tasks.



Coding Assistance

Streamline software development with GAI-powered coding tools that improve accuracy and speed up project delivery.



Customized Generative Models for Business Solutions

Develop bespoke generative models tailored to meet unique business needs, fostering innovation and problem-solving across diverse operational spectrums.

Technologies Powering Our GAI Solutions



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How DataArt Can Help: Our Tailored Approach for Progress

For those with a mature understanding of GAI or companies with new project ideas that haven't taken the first step, DataArt is your strategic partner for progress. With a track record of 20+ successful prototypes in the first half of 2023, we are looking to help stakeholders gain a firsthand understanding of how large language models technology can transform their businesses while also recognizing the challenges that must be addressed.

Over a period of 6 weeks, DataArt team will work with your business and technical stakeholders to deliver the following:

- 1 Solution Design**
A solution design tailored to your business requirements, responsible AI usage, and ready for implementation in subsequent project phases.
- 2 Prototypes**
Functioning prototypes demonstrating the agreed-upon scenarios on discussed technology stack.
- 3 Integration Design**
A comprehensive plan for integrating the AI solution into your existing ecosystem, ensuring seamless functionality and efficiency.
- 4 Project Plan**
A complete project plan with a defined team structure and budget for the project's subsequent phases.

Our Expertise

100+ professionals from DataArt AI/ML Lab focus on equipping customers to navigate the ever-evolving realm of generative AI, facilitating hands-on experimentation with emerging technologies.

LLMs for Text Generation OpenAI, Azure, OpenAI Services, huggingface, PALM 2	LLMs Fine-Tuning OpenAI, AWS, Bedrock	Conversational Search Embeddings +LLM	Image Generation DALL-E 2, MidJourney
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Practical Guide to Launching Your **Generative AI Project** 1/2

1

Set Up Clear Objectives

- Identify business challenges that GAI can solve.
- Set measurable goals for what success looks like.

4

Technology Selection

- Choose the generative AI models and frameworks that best fit your objectives, considering the strengths of your cloud provider's AI tools.
- Decide between building in-house solutions or using cloud-based AI services.

2

Evaluate Cloud Providers

- Assess if your current cloud infrastructure aligns with your generative AI needs.
- Investigate the generative AI tools and services offered by your provider.
- Compare offerings and capabilities with other cloud services if necessary.

5

Risk and Ethical Considerations

- Conduct a risk assessment, particularly for data privacy and model bias.
- Set up an ethical framework and guidelines for AI usage.

3

Data Readiness Assessment

- Audit existing data for quality, quantity, and diversity.
- Establish a data acquisition strategy if gaps are identified.

6

Prototyping

- Develop a PoC to validate the feasibility.
- Use feedback loops to refine AI models and outputs.

 **Contact Us Today!** Don't let another year slip by

Practical Guide to Launching Your **Generative AI Project** 2/2

7



Integrate Business Processes

- Align AI outputs with business workflows.
- Train staff on interacting with AI systems and interpreting its results.

10



Performance Measurement

- Use predefined metrics to evaluate AI performance.
- Adjust models and operations based on analytical insights.

8



Regulatory Compliance and Security

- Ensure the solution meets all legal and regulatory requirements.
- Implement robust security measures to protect AI systems and data, in line with your cloud provider's security offerings.

11



Scale and Optimization

- Gradually scale the solution while continuously optimizing performance.
- Expand generative AI applications across the business for greater impact.

9



Launch Pilot Program

- Roll out a pilot to a controlled user group.
- Monitor performance and collect user feedback.

12



Continuous Learning and Adaptation

- Establish ongoing learning mechanisms for your AI models.
- Document insights and lessons learned.
- Share findings within the organization to foster a culture of innovation.
- Adapt to new data, feedback, and changing business environments.

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