

The guide to your own, trusted GPT



1 Open Large Language Models Register the description at fastchat/model/model_registry.py

's nice to meet you. Is there something I can help you with or would you like to chati

start chatting

v are you?

you today:

Parameters

just an Al, I don't have fee

Imagine you are chatting with your own data ...

e of being like a human would. I'm here to assist you any

... then you would always get relevant, coherent and reliable answers to make your business smarter. Now imagine what you could achieve with this knowledge at your fingertips. You would improve customer experiences or speed up business processes and, of course, operate more efficiently than ever ... Sounds promising, doesn't it? Then start chatting with your data now – with your own trusted GPT.

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Intel[®] for generative AI

The broad Intel portfolio of software tools and AI hardware is designed to make your generative and linguistic AI initiatives a success – whether you're training a model from scratch, fine-tuning an existing algorithm, or looking for a way to perform advanced inferencing at scale. Scalable Intel Xeon[®] processors with integrated accelerator engines are an excellent example of the power of Intel technologies: Thanks to their maximum cost efficiency, they are the first choice for training and inferencing sophisticated AI models. The **AI Test Drive** runs on PRIMERGY servers with the latest Intel Xeon processors. On this platform, you can test your GenAI use case to determine the right size of infrastructure for your successful on-premises deployment.

Further information: <u>https://www.fujitsu.com/emeia/products/data-transformation/data-driven/ai-test-drive/</u>

Bring your data to life with Private GPT

Deploying a GPT solution on-premises is key for organizations to take full advantage of GenAI. This allows them to ensure that their GPT solution is tailored to their use cases and works with relevant, accurate data.

Risks associated with public GPTs such as bias, incorrect or outdated information can be eliminated. At the same time, it is easier to ensure that data sources are trustworthy and up-to-date. For example, data on products and services can be withdrawn or updated if it changes over time.

And GPTs can even be tailored to the needs of specific business units or departments.

Last but not least, organizations have it in their hands to manage security, privacy, data sovereignty and DR according to their requirements.



Private GPT – the one-stop GenAI solution

- Consulting on your specific use cases
- Pre-trained GPT models and training exclusively on your data
- Validated reference architectures with various open-source and closed-source models
- Retrieval Augmented Generation (RAG)
- Tests on our 100% data-sovereign test drives (in Germany, the UK and Italy)
- Conducting proof-of-concepts on-premise or co-located
- Turnkey AI solution with complete hardware and software, setup and support from our partner ecosystem
- Available on-premise, optionally also as a consumption-based payment model as part of our uSCALE offering
- Runs on PRIMERGY servers

Which GPT use cases are promising for your business?

Generative Pre-Trained Transformer (GPT) models are fundamentally changing the way companies, organizations and authorities operate. This is especially true when these GenAI solutions are implemented on-premise, as organizations can process, analyze and examine their own data in a secure environment. This ensures compliance with data security and data protection, because with a private GPT, organizations always retain control over their valuable, confidential information.

Looking for ideas for your private GPT? Wondering what's the easiest way to implement a private GPT? With Private GPT, we are with you every step of your AI journey, from consulting to design, implementation, testing, deployment through to ongoing support.

The use cases for our GenAI solution are as diverse as companies, organizations and authorities are different. Let us inspire you with a few examples.



Law firms

- Private GPTs streamline **legal document creation** processes by generating contracts, agreements, and legal correspondence, improving efficiency and accuracy in document drafting.
- Private GPTs assist in **litigation support** tasks by analyzing case law, statutes, and legal precedents, providing valuable insights and aiding in case strategy development.
- Private GPTs automate **due diligence reviews** by analyzing large volumes of legal documents, contracts, and agreements, identifying relevant information and potential risks for clients in mergers, acquisitions, and business transactions.
- Private GPTs aid in **legal research** by analyzing textual data from legal databases, court rulings, and scholarly articles, providing attorneys with comprehensive research findings and supporting case arguments.
- Private GPTs analyze **contracts and legal agreements** for clients, identifying key terms, obligations, and potential liabilities, helping attorneys ensure compliance and mitigate risks in business transactions and negotiations.

Read the whitepaper formore information: Generative AI will replace lawyers!



Automotive

- Assist in generating automotive design concepts and visuals
- Automate automotive design and simulation processes
- Generate sales performance reports and recommendations
- Streamline quality control processes in automotive manufacturing
- Automate supply chain management and inventory control





Construction

- Optimize design, code, materials, and client comms
- Generate construction project plans and reports
- Improve quality, compliance, reporting, and defect ID
- Assist in construction project planning and management
- Automate planning, risk assessment, and budgets

Agriculture

- Streamline agricultural research data analysis
- Generate soil and crop health reports for farmers
- Automate crop yield prediction and farming recommendations
- Assist in farm management and crop planning
- Automate precision agriculture processes and data analysis



Cybersecurity

- Generate security policy recommendations and risk assessments
- Automate incident detection and response procedures
- Automate threat analysis and vulnerability assessment
- Assist in security protocol development and implementation
- Assist in aggregating and analyzing threat intelligence reports



Consulting and professional services

- Automate business data analysis and report generation
- Automate financial planning and investment advice
- Generate HR policy recommendations and streamline HR processes
- Generate business strategy suggestions and reports
- Assist in strategic planning and market analysis
- Automate precision agriculture processes and data analysis



Education and research

- Assist in generating educational content and course materials
- Streamline data cleaning, analysis, and report generation
- Automate e-learning content creation
- Automate administrative tasks like course material generation
- Aid in summarizing research papers and articles



Energy

- Generate energy consumption reports and optimization strategies
- Assist in energy trading strategies and market analysis
- Streamline environmental impact assessments and reporting
- Automate power plant operation and maintenance processes
- Automate renewable energy project design and analysis



Environment and sustainability

- Streamline conservation project planning and reporting
- Generate environmental impact assessments and design solutions
- Automate environmental data analysis and research
- Automate green energy project analysis and consulting
- Assist in sustainability data collection and reporting

Engineering and design

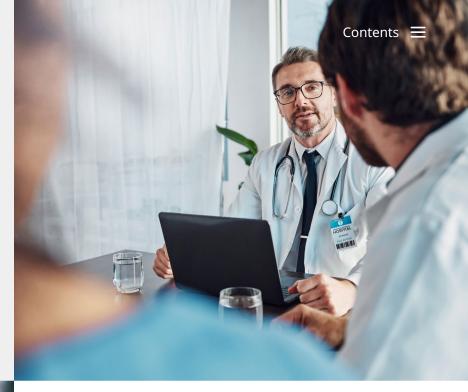
- Generate architectural designs and blueprints
- Automate civil engineering calculations and designs
- Assist in product design concepts and prototyping
- Streamline structural engineering analysis and reports





Government and public sector

- Generate budget reports and financial analysis for governments
- Assist in policy research and impact assessment
- Automate policy development and analysis for governments
- Automate PR campaign planning and media monitoring
- Streamline urban development planning and design



Finance

- Assist in credit risk analysis and lending decisions
- Assist in financial data analysis and forecasting
- Streamline financial planning and retirement projections
- Automate investment portfolio analysis and recommendation
- Automate risk assessment and management in financial institutions



Healthcare

- Automate healthcare data integration and analysis
- Streamline healthcare data analysis for insights
- Aid in medical literature review and hypothesis generation
- Automate patient data analysis and care plan generation
- Assist in diagnosing patients by analyzing medical data





IT and software development

- Assist in literature review and research proposal generation
- Automate data cleaning and exploratory data analysis
- Automate model selection and hyper-parameter tuning
- Assist in text data preprocessing and model development
- Generate code snippets and documentation

Insurance

- Assist in insurance risk assessment and pricing
- Streamline claims processing and assessment
- Generate personalized insurance quotes for clients
- Automate risk assessment and analysis for financial institutions
- Automate insurance underwriting processes





Are you looking for more inspiration or do you already have an initial idea for GPT use cases in your business? Then get in touch with us. Our experts will identify use cases in co-creation with you and guide you step by step to your own, trusted GPT solution.

Contact us via our website or speak directly to your Fsas Technologies contact person:

https://www.fujitsu.com/emeia/ products/data-transformation/datadriven/ai-test-drive/

Test before you invest

Develop your business case with state-of-the-art AI infrastructure – free of charge

Procuring hardware and conducting tests is one of the biggest stumbling blocks in AI projects. The dilemma is that gaining stakeholder approval for investment in computing power and other resources requires a watertight business case that clearly demonstrates the potential return on investment. However, developing such a business case is impossible if you don't have the computing power – especially for testing purposes – to accurately determine the requirements of the project.

AI Test Drive offers this possibility – free of charge. It provides the computing power as well as the network capacity, open source tool optimization and support that business users interested in AI need to find out if they have a viable business case.

The PRIMERGY servers of the AI Test Drive are equipped with the Intel Xeon 5 processors now available on the market, which offer even more performance – as will future Intel Xeon processors. Intel is continuously optimizing hardware and software for AI to process larger language models, get more performance and increase energy efficiency.





AI Test Drive accelerates the AI adoption and cuts costs

- Easy access: Test on our 100% data-sovereign test drives (in Germany, the UK and Italy)
- Free of charge: Experience the latest in purpose-built AI infrastructure for up to 14 days at zero cost
- Powerful AI infrastructure: Benchmark your use case with the latest AI technology
- Consultancy included: We provide advice and guide you individually through the process.

Create your proof of concept

Build a solid, fully calculated case for investment decisions with our AI experts

Our experience and our extensive pool of proof-of-concepts, which we have already conducted with customers from a wide range of industries, will save you lengthy guesswork. Here are some examples of industries and use cases that we build on.



Vehicle manufacturer

• Ask questions about operating and maintenance instructions



Paint manufacturer

- Instructions for use
- Safety instructions



Travel company

• Ask what you want for your vacation and make travel suggestions



Pharmacy

- Drug prescription
- Dosage recommendation



Logistics

- Support with freight procurement and negotiation
- Automation of logistics data analysis and reporting
- Support with logistics planning and optimization
- Rationalization of transport route planning and optimization



Tax consulting

- Legal texts
- Practical examples



Patent lawyer

- Legal texts
- Examples of patents
- Preparation of reports



Software development

- Code development
- Release notes
- Customer support

Take the fast track to your own, trusted GPT



Define your use cases in co-creation with our experts



Test with your data on our secure, European AI Test Drives



Make your proof of concept with us before you invest

Visit our website for details on Private GPT and AI Test Drive registration



Start your AI journey with Fsas Technologies today: **www.fujitsu.com/emeia/private-gpt**

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