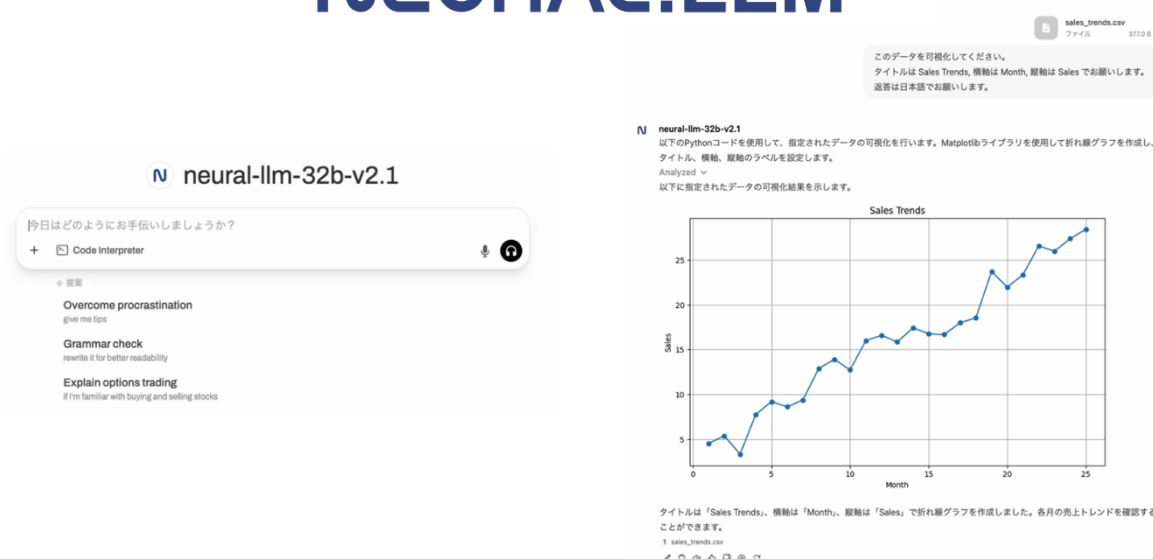


Successful Miniaturization and Securing of Neural Group's Proprietary Large-Scale Language Model Platform "NEURAL.LLM"

NEURAL.LLM



Left: Input screen of "NEURAL.LLM." Right: Output screen.

NEURAL.LLM can be used while protecting confidential and personal information.

Neural Group Inc. is pleased to announce that we have successfully implemented our proprietary large language model, "NEURAL.LLM," announced in June 2023, into a secure on-premises environment with 32 billion parameters for commercial use.

In recent years, while the business utilization of generative AI and large language models (LLMs) has been accelerating, many companies have faced significant hurdles in sending confidential internal information and personal data to cloud-based generative AI and LLM services such as ChatGPT, due to concerns over information leakage and compliance. As a result, the use of LLMs has often been limited. Our "NEURAL.LLM" enables the use of LLMs within a company's closed network, paving the way for its deployment as a "Secure LLM" that can be operated safely.

In addition, we have long focused on the research and development of Edge AI, honing our capabilities in developing highly accurate AI models even under limited computational

resources. Based on this philosophy, we have realized an environment where dialogue and complex analysis can be performed with a compact LLM model using reasonably modest computing power.

This achievement not only reduces server investment costs on the user side but also contributes to the secure and low-cost commercialization of LLMs. Moving forward, in addition to providing "NEURAL.LLM" to client companies, we will apply it to the development of our own secure AI Agent.

■ Comment from Roi Shigematsu, President and CEO

We have been at the forefront of cutting-edge Edge AI technologies, focusing on the implementation of lightweight yet high-performance AI. Successfully building a "Secure LLM" — a compact system capable of safely operating a large-scale model with 32 billion parameters within a company — marks a major technological milestone and a significant step forward for us.

While the use of LLMs has been accelerating in recent years, handling confidential information and compliance restrictions have been major challenges for enterprises. Our model addresses these issues through a design that assumes operation within a closed network environment. Furthermore, significant cost reductions compared to conventional solutions make it possible to open new doors for safer and more secure AI utilization.

■ About "NEURAL.LLM"

URL : <https://youtu.be/QzmVgvwmilg>

■ Company Overview: Neural Group Inc.

With the mission of "Updating the world for a better tomorrow," we develop cutting-edge AI technologies and deliver innovative, exciting services across a wide range of fields in Japan and Southeast Asia, without boundaries.

Company Name: Neural Group Inc.

Representative: Roi Shigematsu, President and CEO

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Established: January 22, 2018

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