P03

Realize various AI services through a multimodal foundation model

"tsuzumi" for real-world multimodal understanding

IOWN Pick Up NTT version Large Language Models



Background

The realization of AI-anywhere, which enriches people's lives through the presence of multipurpose and scalable AI in communication, offices, cities, and other places, requires AI technologies that can provide services adaptively to various environments by utilizing multimodal media data.

Summary

MediaGnosis can handle various AI functions such as natural language, audio-acoustic, and image/video processing in a human-like integrated manner. We will show how it can create value in various situations for AI-anywhere by means of application examples using LLM.

Next Generation Artificial Intelligence: MediaGnosis



Interfunction Cooperation (Training): Aggregating knowledge to store interfunctional knowledge in a single model.



Face Verification

Age Estimation

Object Detection

Interfunction Cooperation (Inference): Providing an all-in-one solution, including complex and compound inferences.

Features

- Enhance job satisfaction by detecting harassment through multimodal processing of 1-on-1 meetings between superiors and subordinates
- Process your conversation multimodally to generate a nickname that highlights your charm
- Understand the surroundings in real-time by processing surveillance camera visuals and audio multimodally

Future_benefits

Multi-purpose and scalable AI enriches people's lives by enabling AI-anywhere to exist everywhere in the world.

Exhibiting Company

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

Contact

rdforum-exhibition@ml.ntt.com