

IOWN INTEGRAL

NTT R&D FORUM 2024

DEVELOPMENT

8 01-18

Incorporating tsuzumi into business tools

tsuzumi, customized to your internal workflows,
supports your operations and enhances productivity

#Productivity Improvement

デモ実施 demonstration in progress

Point1 tsuzumiであればお客様のオンプレミス環境で動作し
クラウドに出せない機密情報も安心安全に扱えます。

tsuzumi enables secure handling of sensitive information
in your local environment, without needing to rely on the cloud.

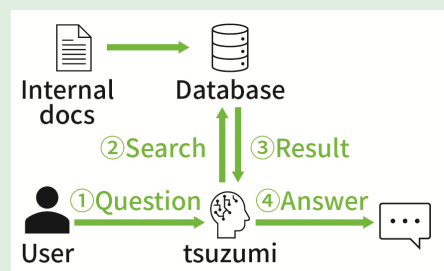
Point2 tsuzumiであればお客様固有のデータを学習し
用途に合わせた特化モデルを作成可能です。

tsuzumi allows you to create models tailored to your needs
by training them on your own data.

Case1: チャットボット

問合せに関連する情報を
データベースから検索し、
tsuzumiが回答を作成します。

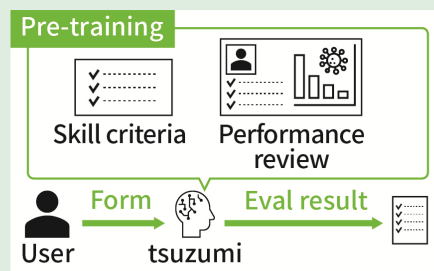
tsuzumi searches the database for
information related to the inquiry
and generates accurate responses
based on the retrieved content.



Case2: 人事評価ツール

スキル基準、人事情報(面談シートと
評価)を学習させることで、tsuzumi
が個人のスキルを評価します。

tsuzumi evaluates individual skills by
learning from skill criteria and HR
data, including interview sheets and
assessments.



///Technical Issue

While generative AI allows accurate
conversations, its reliance on the cloud
limits use with sensitive data, restricting
digital transformation.

///Research Goal

Using tsuzumi in an on-premises
environment enables generative AI for
sensitive tasks, supporting the expansion
of digital transformation for our clients.

---Technology

We utilize tsuzumi, a Japanese-made LLM developed by
NTT, which can be integrated into business tools as a
generative AI application.

---Novelty

This system runs efficiently with minimal resources while
delivering excellent Japanese language performance. It
also supports lightweight tuning for flexible
customization across industries, organizations, and
individuals.

---Applicable Business

Applicable for improving operational efficiency across a wide range of sectors, including local government, public
institutions, educational organizations, manufacturing, healthcare, and the police.