



IUT Ai Center

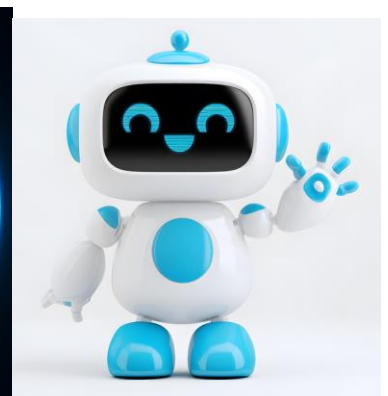


# PRODUCT CATALOG

# Welcome to AI Center

## About Us

Artificial Intelligence Center of Isfahan University of Technology was established in 2025 with the aim of facilitating and developing services and projects related to artificial intelligence by order of the vice president of research of the university. In addition to developing major national projects such as the smart assistant of one of the most important ministries of the country, this center provides a wide range of services related to artificial intelligence at the provincial and university levels. Currently, the Faculty of Electrical and Computer Engineering hosts this center.



# About

## HUMA

- HUMA :

HUMA is an advanced smart assistant designed to meet the most complex needs of Iranian users in specialized fields by leveraging the most powerful language models and native technologies.

It is more than just a tool; it is an intelligent partner with a deep understanding of Iran's laws, administrative documents, and business frameworks.

With HUMA, experience speed, accuracy, and security in handling your legal, commercial, and administrative tasks.

- Why HUMA :

Specialized Iranian Assistant: Trained on the laws and regulations of the Islamic Republic of Iran.

High Accuracy and Speed: Access information and analyses in less than 30 seconds.

Easy to Use: Intuitive Persian user interface for all skill levels.

Data Security: Complete confidentiality of your information.

No Need for Foreign Model Access: Ability to use a powerful assistant without reliance on foreign platforms.



# Features

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## Specialized Legal Center

- Instant Law Retrieval: Get the full text of any legal article just by mentioning details about it.
- Advanced Legal Search: Intelligent search through the text of thousands of legal articles based on user keywords.
- Q&A from Laws: Ask legal questions and receive accurate answers documented with laws within the system.
- Draft Contradiction Check: Intelligently review legal or contract drafts and identify contradictions with specific or general country laws.



## Intelligent Document Processing & Management

- Advanced Summarization: Summarize texts and PDF, Word files with adjustable detail levels.
- Specialized Translation: Translate texts and files into different languages while preserving specialized concepts.
- Automatic Letter Response: Automatically generate responses to received letters based on user instruction (approval, rejection, request for clarification).
- Q&A from Documents: Upload documents (PDF, Word) and ask related questions. The assistant answers you based on the document's content.

# Features

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## Intelligent Data Analysis

- Analysis and Q&A on Structured Data: Upload CSV files and ask various questions in natural language about the data.
- Create Visualizations: Automatically generate charts and graphs based on user requests for better trend understanding.
- Data Exploration and Summarization: Automatically receive descriptive statistics, identify relationships and hidden patterns in the data.



## Computer Vision and Audition

- Image to Text (OCR): Extract text from within images (photos of documents, invoices, etc.) with high accuracy.
- Speech to Text: Automatically transcribe audio files (MP3, WAV, M4A) into text.



## Free Dialogue and Support

- Smart Chatbot: Natural and fluent conversation on general, educational, and specialized topics.
- Knowledge Base and FAQs: Instant access to answers for hundreds of frequently asked questions.



## Applications in Industries and Professions



**Lawyers and Jurists:** Legal research, drafting petitions, contradiction checking.

**Merchants and Traders:** Inquiring about customs and trade laws, document management.

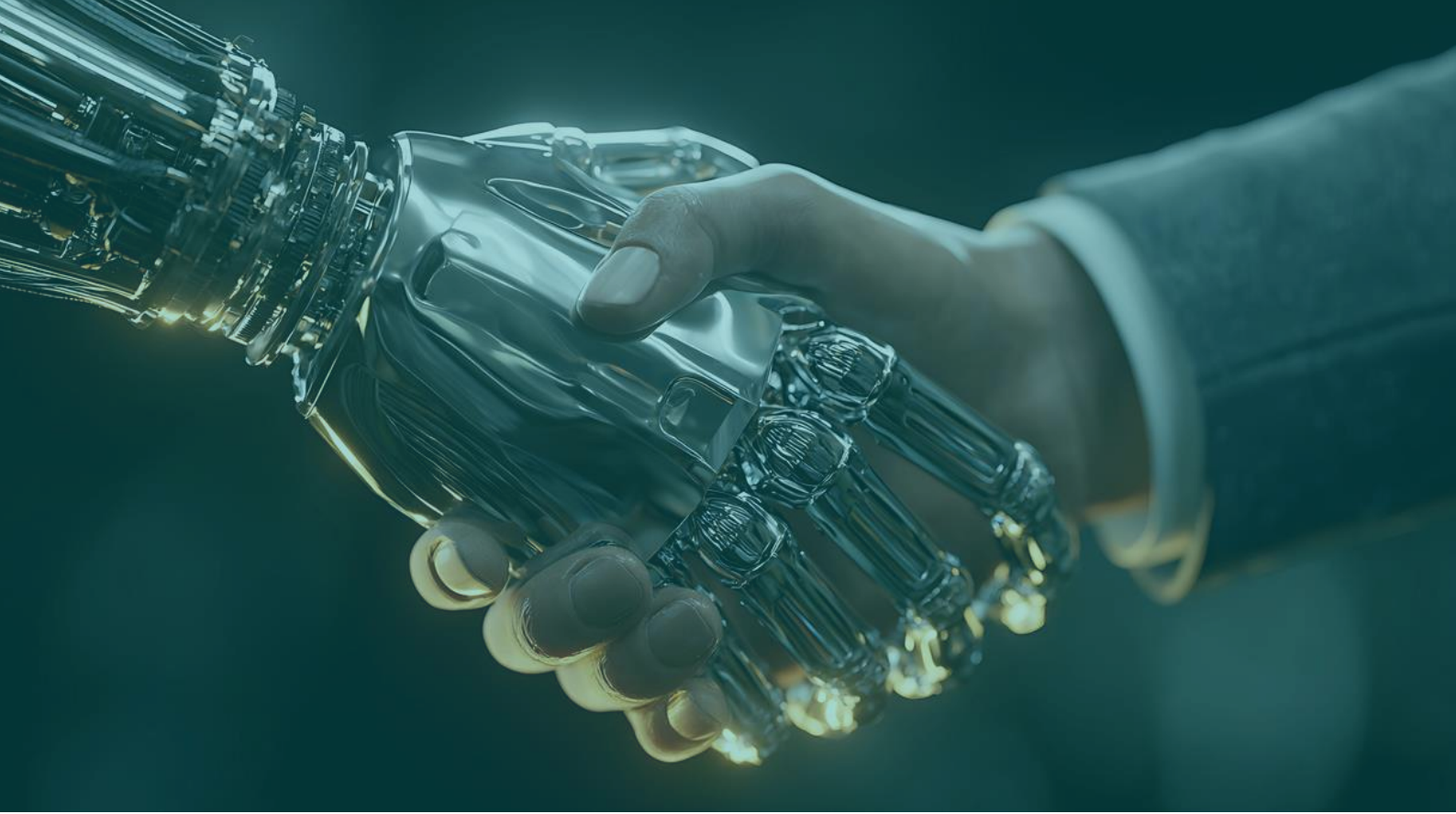


**Managers and Entrepreneurs:** Contract analysis, responding to official letters.

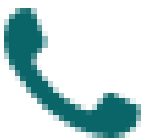
**Researchers and Students:** Summarizing articles, translating specialized texts.



**All Employees:** Speeding up administrative tasks, report writing.



## Contact Us and Support



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