

AIDEN

AIDEN is a command-line assistant for business document management and Q&A, powered by Hugging Face models. It allows you to ingest business documents, build a local RAG (Retrieval-Augmented Generation) index, and ask questions in Arabic or English using state-of-the-art AI.

Features

- **Document Ingestion:** Easily add `.txt` and `.md` files to your local index.
- **RAG-based Q&A:** Ask questions and get answers based on your ingested documents.
- **Hugging Face Integration:** Uses Hugging Face models for natural language understanding and generation.
- **Arabic Language Support:** Designed for Arabic business use cases.

Installation

1. Clone the repository:

```
git clone https://github.com/ehab123/AIDEN.git
cd AIDEN
```

2. Install dependencies:

```
pip install -r requirements.txt
```

3. (Optional) Set your Hugging Face token:

```
export HUGGINGFACE_TOKEN=your_token_here
```

Usage

Ingest Documents

Add business documents to the local index:

```
python -m app.cli ingest --path data/business_docs
```

Ask a Question

Query your indexed documents:

```
python -m app.cli ask --question "ما هي سياسة الاسترجاع لدينا؟"
```

Chat

One-shot chat with the assistant:

```
python -m app.cli chat --message "كيف يمكنني تحسين خدمة العملاء؟"
```

Project Structure

```
AIDEN/  
├── app/  
│   ├── cli.py  
│   ├── providers.py  
│   ├── simple_doc_store.py  
│   └── rag.py  
├── data/  
│   └── business_docs/  
├── requirements.txt  
└── README.md
```

Contributing

Pull requests are welcome! For major changes, please open an issue first to discuss what you would like to change.

License

This project is licensed under the MIT License.

Contact

For questions or support, contact [Rodr144](#).