

■ Document Chatbot - Quick Reference

■ Quick Start

1. Install: `pip install -r requirements.txt`
2. Setup: Create `.env` with `GEMINI_API_KEY`
3. Documents: Add files to `data/` folder
4. Run: `streamlit run streamlit_app.py`

■ Supported Formats

- PDF documents (.pdf)
- Word documents (.docx)
- Text files (.txt)

■ Example Questions

- "What is the main topic?"
- "Summarize the key points"
- "What happened in March 2021?"
- "Compare different technologies"

■ Web Interface Features

- Real-time chat with AI responses
- Document management sidebar
- Inline citations with sources
- Chat history and context

■ Key Technologies

- Python 3.13.5 + Streamlit
- Google Gemini AI
- TF-IDF + Cosine Similarity
- Intelligent caching system

■ Citation System

Automatic inline citations:

"VisionTag uses YOLOv8 [1]..."

References: [1] document.pdf

■ CLI Commands

- help - Show available commands
- list - List loaded documents
- refresh - Reload documents
- summarize - Generate summary
- clear - Clear chat history

■ Troubleshooting

- Check `.env` file for API key
- Verify documents in `data/` folder
- Use refresh button after adding files
- Check file permissions and formats