

Step-by-Step Instructions to Use RAGBot:

1)Prepare your documents:

i)Put all the local documents (PDFs, text files, etc.) you want to add to the knowledge base into a single directory.

ii)For **website data**, create a file named `web_data.txt` inside this same directory (`local_docs/` folder), and list all the URLs line-by-line in that file.

2)Set up Python environment:

i) create new environment: **`python -m venv envname`**

ii)Activate the environment: **`source envname/bin/activate` or `.\envname\Scripts\Activate.ps1`**

3)Install Ragbot dependencies :

i)pip install ragbot

ii)pip install -r requirements.txt

4)Run RAGBot server:

`ragbot --local_docs_path /path/to/local_docs --chunking sentence --serve --model_path models/llama-2-7b-chat.Q4_K_M.gguf`

- `--local_docs_path` specifies where your documents and `web_data.txt` are.
- `--chunking` can be either `sentence` or `char`.
- `--model_path` should point to the quantized LLaMA-2 7B model location. If the model is not present, RAGBot will download it automatically

5)Access the chat UI:

- Open your browser at: <http://localhost:8000/static/chat.html>
- Click the **RAGBot button** to start asking questions. The chatbot answers based only on your documents and websites.

6)Embed the chatbot UI into your website:

- You can host the chat UI anywhere (any web server).
- Embed it in your company website or internal portal by adding this iframe to your homepage or desired page:

```
<iframe src="http://your-hosted-url/static/chat.html"
width="100%" height="600px"></iframe>
```

- This lets you provide your own company chatbot powered by your documents.