

RAG Complete

Installation and Setup:

A. Install:

- a. VSCode(or any other IDE),
- b. Anaconda

B. Create a new Anaconda Environment

```
conda env list
conda create --name <env_name> python=3.10
conda activate myenv
```

C. Check Python Version

```
python -version
```

D. Make a new Folder for the project

E. Open the project folder in VSCode

F. Create two files:

- a. .env
- b. requirements.txt

G. Go to Groq Site: <https://groq.com/> and create a free account and get an API Key

H. Store key in .env file

I. Clone the git repo: <https://github.com/abhish/IIMS-IndustrialTraining1>

J. Update requirements.txt file on your folder from the content of Github file of same name.

K. Install sentence-transformers

```
pip install sentence-transformers
```

L. Install requirements using pip3

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

M. Numpy install

```
pip install "numpy<2"
```

N. Follow along the app.py file.

O. Run Streamlit Frontend: `python -m streamlit run app.py`