**How I made Nutribot?**

Create a repo on github.

Then make a folder. Clone the repo to the folder.

Open the VS code: Use command - **code ..**

Create a virtual environment for the project: Use the command - **conda create -n nutribot python=3.10 -y**

Make the requirements.txt file in VS code

Using the template.py file, make the required project structure and then run the following commands:

* python template.py
* pip install –r requirements.txt

After you have installed all the dependencies, make a new folder and store the pdf in that folder.

Now start with the coding in the research folder.

* Go to the trials.ipynb and start with extracting the data from the pdf.
* Divide the data into chunks.
* Encode those chunks into embedding’s.
* Once the embeddings are done, start with the storage of these embeddings in any vector database. In this case it is PINECONE.
* Create an index and store the chunks into the index created earlier.
* Once it gets stored, start with importing the pretrained models of OpenAI, get the API key as well and make a retriever object.