

## NLP MCQ Generation Assignment Report

- The aim of this assignment is to generate MCQs using LLM models.
- I took this blog as source for the assignment-  
[<https://medium.com/@shubhama94262/building-a-multiple-choice-question-app-using-langchain-and-llm-model-d59839fd1150>]
- I have used OpenAI, Huggingface, Langchain, Pinecone, and other dependencies to generate MCQs.
- Before executing the **mcq.py** file make sure you have generated API keys in the OpenAI and Huggingface website and copy it in lines **31 & 32**.
- Make sure you have **nlp\_docs** folder with the 3 pdf files.
- So regarding these pdf files, due to time constraint I extracted only few lines from the original text and manually made these pdf files and also If I feed the entire original pdf files which has around 7-10 pages each into the model, **openAI** may charge heavily for it. I'm using the credit given by openAI.
- The model performed well in my opinion. Maybe if I have fed the original pdfs, the model might have performed accurately.
- I have shared the **MCQ\_NLP.ipynb** as well, copy the generated API keys from the OpenAI and Huggingface website in lines **17 & 18**. If OK take a look at it too!