**IITD Machine Learning-01(chatbot)[INTP23-ML-1]**

**Day 21:**

On day 21, of IITD-AIA FSM internship, I learnt transformer and large language models.

**Learning:**

Today, I learnt about large language models like BERT, GPT 2.0, llama also the usage of pipeline in the implementation of pre trained models and also learnt architecture of transformer, in order to apply transformer in my chatbot. But I found out just transformer will not be able to chat as transformer is just capable of text generation, semantic analysis, text suggestion etc. So, in order to make chatbot talk I need to use supervised data, to guide chatbot how to respond. Also, tried for updating my json file format I order to update the context of paragraph or answer as heading with respect to paragraph. Also, I discussed the same thing with my mentor, where I got to know that we have to generate the context some what manually, that would work in our case.

**Work Done/learning Implemented:**

I learnt large language models, transformer implementation.

**Is Progress As per Track?**

Yes, the processing of the data, in order to apply NLP, EDA

**Issues Faced Today:** storing the information about the website in the same pattern it is displayed on website.

**Issues Closed Today:** (None)

**Highlights:**

Today, I learnt about large language models and small implementation of transformer, json format updation.

**Concluding the day:**

So today, I tried for applying transformer.