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

**Day 39:**

**On day 39, of IITD-AIA FSM internship, I applied Transformer.**

**Learning:**

**While my model was accepting only 512 words token. Now, I have taken whole context of 23 k and divided into chunks of 512, now it's accepting whole context of 23k words. I splitted in length of 509 and added special token in the starting and end. Also, for question I added a separator after question marks sign.**

**Work Done/learning Implemented:**

**I made a whole context which is greater than 512 words actually it is 23k words**

**Is Progress As per Track?**

**Yes, I applied Transformer.**

**Issues Faced Today: 1. context is too large, while BERT uses 512 tokens only.**

**Issues Closed Today: saved the model on device, made model working**

**Highlights:**

**Today, I applied Transformer with respect to IAFSM context.**

**Concluding the day:**

**So today, I learnt about deep learning concept of Transformers, how to fine-tuned model on custom dataset.**