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

**Day 38:**

On day 38, of IITD-AIA FSM internship, I applied Transformer.

**Learning:**

Yesterday, I was able to run the code and output was correct to great context. Today, I tried for using one complete context instead of providing chunks each time when we need to change the question (whose answer is not present in the earlier provided context). Also, after discussing with my mentor I got to know text2text conversion just searching for that for further understanding about text2text, and Gradio also.

**Work Done/learning Implemented:**

I made json file in Squad data format and fine-tuned the model, but while asking questions there are errors in that section.

**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:** answer prediction.

**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.