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

**Day 34:**

On day 34, of IITD-AIA FSM internship, I applied Transformer.

**Learning:**

I made json file in Squad data format Now using haystack annotation tool I will make json file in SQuAD format through tool and then fine tune the model with IAFSM dataset.

And fine-tuned the model, However not able to use that model as its having some errors.

**Work Done/learning Implemented:**

I made json file in Squad data format Now using haystack annotation tool I will make json file in SQuAD format through tool and then fine tune the model with IAFSM dataset.

**Is Progress As per Track?**

Yes, I applied Transformer.

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

And following error:

KeyError Traceback (most recent call last)

[/usr/local/lib/python3.10/dist-packages/transformers/tokenization\_utils\_base.py](https://localhost:8080/) in \_\_getattr\_\_(self, item)

**253** try:

--> 254 return self.data[item]

**255** except KeyError:

KeyError: 'size'

During handling of the above exception, another exception occurred:

AttributeError Traceback (most recent call last)

6 frames

[/usr/local/lib/python3.10/dist-packages/transformers/tokenization\_utils\_base.py](https://localhost:8080/) in \_\_getattr\_\_(self, item)

**254** return self.data[item]

**255** except KeyError:

--> 256 raise AttributeError

**257**

**258** def \_\_getstate\_\_(self):

AttributeError:

**Issues Closed Today:** (None)

**Highlights:**

Today, I applied Transformer with respect to IAFSM context.

**Concluding the day:**

So today, I learnt about deep learning concept of Transformers.

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