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

**Day3:**

On day 3, of IITD-AIA FSM internship, I completed my RASA and TENSERFLOW framework

And started with research papers.

**Learning:**

1. Learnt about the RASA framework, like how TensorFlow and Rasa work together in order to improve from rule-based chatting to more diversified chatting.
2. Look for research papers how the exact chatbot is implemented.

**Work Done/learning Implemented:**

Not implemented any learning, just started with learning new libraries.

**Is Progress As per Track?**

Yes, I think before implementation one should have some good level of information about the libraries, software.

**Issues Faced Today:** (None)

**Issues Closed Today:** (None)

**Highlights:**

With rule-based approach we just have directed or specific chats that is possible with bot it is something like basic chat-bot using RASA Framework. However, when we apply Tenser Flow deep learning concept is applied and it will be more diversified chat system as it will learn from old pattens. Also learnt basic requirements like domain file, data file (one for stories, one for NLU, one for rule),config file. In domain file, we have various entities like Response, Intent, slots, Entities, Form and Action. Therese are stories to teach the bot what to do next in sequence. Also, there are channel base response.

**Concluding the day:**

Today I learnt RASA Framework in more detail, and searched for various research paper that will have implementation of bot.