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

**Day4:**

On day 4, of IITD-AIA FSM internship, I went through research papers on implementation of chatbot and did some data collection.

**Learning:**

1. Learnt the basic objectives of chatbot application.

* analyze user queries and understand user messages.
* provide answers to the messages of the user accurately
* provide all information about the updated activities and save their time.
* Provide answers accurately as much as possible.

1. Went through web- scraping and rule-based approach for data.

**Work Done/learning Implemented:**

Did some Rule-based approach where we reply to greetings and chat-ending phrases like bye.

**Is Progress As per Track?**

Yes, I started with coding part today and applied for basic chats like hi, bye and other greetings.

**Issues Faced Today:** (None)

**Issues Closed Today:** (None)

**Highlights:**

Learnt the basic objectives of chatbot application, analyze user queries and understand user messages, provide answers to the messages of the user accurately, provide all information about the updated activities and save their time from searching on website and google search the information, provide answers accurately as much as possible, lie instead of providing irrelevant information, its’ better to admit that bot is not able to understand the question.

I went through web- scraping and rule-based approach for data collection. Rule -based would have some basic evergreen questions like introduction and ending chat while web- scrapping will answer the queries relate to website.

**Concluding the day:**

After starting late due to extension in assignment of level 2, it’s a good start till now.