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

**Day 11:**

On day 11, of IITD-AIA FSM internship, I successfully logged into the website and did scraping

**Learning:**

Today, I successfully logged in into the website and get the web scraped data of dashboard page.

So, in the FSM website they are using four fields in the form namely, “loginToken, username, password and rememberusername”, I get this info from steps:

Login page->inspect->network->and then capturing data, in the form response I saw four fields,

Now loginToken used to change every time so, I had to extract out the loginToken value and pass into payload. For that, first I used “get” method and extracted out the value by first searching the division name, input type and name of the field, now in order to get the index I first e converted whole input type into string and then through for loop I extracted out the value in the form of list and then converted the desired value to string back. Now this desired-value, and other fields are sent and “post” method in order to login into the site. Now, the problem is to keep logged-in until process takes place so I used session for that.

**Problems Facing:**

**the encoding is not in utf-8 so if we are printing the “soup.text” it’s need to encoded in utf-8 but if we using functions like “find\_all” encode function is not working.**

**Continue to above problem I have to extract links on dashboard, but the links are not extracted as find\_all problem is not fine.**

**Work Done/learning Implemented:**

Implemented web-scrapping on the FSM website through Beautiful Soup,

**Is Progress As per Track?**

Yes, the processing of the data, in order to apply NLP, EDA

**Issues Faced Today:** (None)

**Issues Closed Today:** (None)

**Highlights:**

Implemented web-scrapping on the FSM website through Beautiful Soup,

**Concluding the day:**

So today, I applied and solved the web\_scpraed ; learnt new concept