

# ChatterBox

-Naveen Saisreenivas (B19096)

-Ankit Verma (B20278)

-Nippun Sharma (B19097)

-Prachee Mathur (B20257)

-Paras Jain (B19100)

-Hiya Jain (B20010)

-Rishabh Garg (B19107)

## DESCRIPTION

### 1. How to start it?

Search for @ChatterBoxxBot in Telegram and send “ **/start** “.

**“USER CAN ASK IN EITHER TEXT OR IN VOICE 😊”**

### 2. Approach/functionality and Usage:

For queries, we first use [pywsd](#) to lemmatize words in the message. We then try to search for a relevant answer from various sources as mentioned below -

Basically, we have divided the bot into 4 Parts:

- a. *Normal chat:* Hi/hello/bye/who are you?
- b. *College related queries:*

Functionality: It basically return you answers which we scraped from IIT Mandi website and IIT Mandi Wiki.

If the bot cannot find answers here, it will ask your permission if you want an answer from online sources such as old Facebook groups of IIT Mandi, Quora posts related to IIT Mandi, etc. If you want the answers from these sources, you can reply “YES” and the bot will return answer your query. (To use this functionality directly, you can use **!faq** command)

Implementation: We have collected data from various sources.

How to use it? : Just type your query!

- c. *Coding related queries:*

Functionality: It basically returns a result from StackOverflow.

Implementation: We have implemented it using google module of python and return the first result after google search.

How to use it? : Just write “ **!code** <your query> “

- d. *Weather:*

Functionality: It basically returns the weather conditions from AccuWeather.

Implementation: We have implemented it using AccuWeather API.

How to use it? : Just write “ **!weather** <city name> “

We will return the temperature of the city (in °C and °F), the current weather conditions and precipitation information (if there is rain or snow)!  
**(Note: We are using a free tier AccuWeather subscription, so the API key has a limit of 50 queries per day)**