**INSTALLING RASAX :**

**Creating virtual environment(Its our choice to create or not):**

-Python3 –m venv myvenv

-Source myvenv/bin/activate

**Collecting rasa nlu files and collecting all other related packages of rasax:**

- pip install rasa\_nlu

-pip install spacy

-python –m spacy download en\_core\_web\_md

-import spacy

-nlp=spacy.load(‘en\_core\_web\_md’)

-pip install –U rasa\_core

-pip install sklearn\_crfsuite

**HOW TO RUN THE PROJECT:**

-cd path

-rasa train (To train the model)

-rasa shell (To interact with the bot in prompt)

- rasa x (To interact with the bot in local host)

- set GIT\_PYTHON\_REFRESH=quiet(use this command if it shows bad git execution)after this again type rasa x

You wil see rasa x running on local server as https:\\localhost:5002

**DEPLOYING THE MODEL:**

- Download ngrok from internet **(ngrok** provides a real-time web UI where you can introspect all HTTP traffic running over your tunnels.)

**-**<https://dashboard.ngrok.com/get-started/setup>

**-** No need to install the downloaded file (Just keep it like that)

- Now open the new prompt and then use the command

- cd path (path of ngrok downloaded file)

- Next type as : ngrok authtoken 1i81FmENnvSMokn3FxNKXISCbYX\_3a1dgZn1jHUivtMkyH2eq

- Next cmmd : ngrok http 5002

- Then u will see the output as :

ngrok by @inconshreveable (Ctrl+C to quit) Session Status online Account atmakuriganesh1234@gmail.com (Plan: Free) Version 2.3.35 Region United States (us) Web Interface http://127.0.0.1:4040 Forwarding http://2bda5674d3d4.ngrok.io -http://localhost:5002 Forwarding https://2bda5674d3d4.ngrok.io -http://localhost:5002 Connections ttl opn rt1 rt5 p50 p90 0 0 0.00 0.00 0.00 0.00

- Your actual url given by rasa x is https:\\localhost:5002\interactive. Now copy <https://2bda5674d3d4.ngrok.io> ( URL given by ngrok) this link and replace it in place of https:\\localhost. So then it becomes <https://2bda5674d3d4.ngrok.io\interactive\>......

- Now use that link to open it in brower and u will see the rasax opening …….

- You can also set password for the link by the cmmd set RASA\_X\_PASSWORD=”any password”(optional )

- Next on top right corner you will see share symbol ..click on that… next click on generate link

- Copy the generated link.

- That generated link can be shared to anyone.

**Links to refer:**

<https://www.youtube.com/watch?v=suZvPjnSHA0&feature=youtu.be> (RASA X)

<https://www.youtube.com/watch?v=3tLZV2TZrCc> (ngrok)

<https://www.youtube.com/watch?v=YCZsiyOfDLk> (deployement)