

Lab 10: Rasa ChatBot

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I. Subscription

The ‘greet and subscribe’ story was modified to include the new ‘thanks’ and ‘goodbye’ intents. It was also further provided responses to make the bot more humanized. Here is a screenshot of the updated story:

```
TERMINAL
2021-07-18 20:45:10 INFO rasa.model - Loading model models\20210718-204212.tar.gz...
2021-07-18 20:45:15 INFO root - Connecting to channel 'cmdline' which was specified by the '--connector' argument.
Any other channels will be ignored. To connect to all given channels, omit the '--connector' argument.
2021-07-18 20:45:15 INFO root - Starting Rasa server on http://localhost:5005
2021-07-18 20:45:15 INFO rasa.model - Loading model models\20210718-204212.tar.gz...
c:\users\dhari\appdata\local\programs\python\python38\lib\site-packages\rasa\shared\utils\io.py:97: UserWarning: con
strain_similarities is set to 'False'. It is recommended to set it to 'True' when using cross-entropy loss. It will be
set to 'True' by default, Rasa Open Source 3.0.0 onwards.
  rasa.shared.utils.io.raise_warning(
c:\users\dhari\appdata\local\programs\python\python38\lib\site-packages\rasa\shared\utils\io.py:97: UserWarning: the va
lue of 'evaluate_every_number_of_epochs' is greater than the value of 'epochs'. No evaluation will occur.
  rasa.shared.utils.io.raise_warning(
c:\users\dhari\appdata\local\programs\python\python38\lib\site-packages\rasa\shared\utils\io.py:97: UserWarning: the va
lue of 'evaluate_every_number_of_epochs' is greater than the value of 'epochs'. No evaluation will occur.
2021-07-18 20:45:43 INFO root - Rasa server is up and running.
Bot loaded. Type a message and press enter (use '/stop' to exit):
Your input -> Howdy
Hi!
Your input -> Can you send me the newsletter?
What is your email address?
Your input -> Please send it to lab10@seg3125.com
Check your inbox at Please send it to lab10@seg3125.com in order to finish subscribing to the newsletter!
Your input -> Thank you
Your input -> Thank you for your help
You're welcome
Your input -> Bye!
Have a nice day, goodbye!
Your input ->
```

II. Unsubscription

The ‘greet and unsubscribe’ story was created. It included new intents which allowed users to unsubscribe and provide a reason to unsubscribe. It also had new responses which asked why the user wanted to unsubscribe and then provided an empathetic response to the user's reason. Further, to close the conversation the ‘thanks’ and ‘goodbye’ intents were also included. Here is a screenshot of the new story:

```
TERMINAL
fluent_conversation' flag for slot 'email' instead.
  rasa.shared.utils.io.raise_warning(
c:\users\dhari\appdata\local\programs\python\python38\lib\site-packages\rasa\shared\utils\io.py:97: UserWarning: the va
lue of 'evaluate_every_number_of_epochs' is greater than the value of 'epochs'. No evaluation will occur.
2021-07-18 21:14:45 INFO root - Rasa server is up and running.
Bot loaded. Type a message and press enter (use '/stop' to exit):
Your input -> Hi
Hello! How can I help you?
Your input -> I don't want the newsletter
Why are you unsubscribing?
Your input -> Not interested anymore
Okay we understand.
Your input -> Thanks
You're welcome
Your input -> Goodbye
Have a good day, bye!
Your input ->
```

III. Code

The files changed are as following: `nlu.yml`, `stories.yml`, `responses.yml` and `domain.yml`. They can be found in `SEG3125_Lab10/project`.