rasa init --no-prompt

NLU training data

version: "3.1"

nlu:
- intent: greet

  examples: |

    - hi

    - hello

    - hey there

    - good morning

- intent: goodbye

  examples: |

    - bye

    - goodbye

    - see you later

- intent: schedule_appointment

  examples: |

    - I want to book an appointment

    - Schedule a meeting for me

    - Can I get an appointment on Monday?

    - Book a slot on 15th April

    - Set up a meeting at 2pm tomorrow

- intent: inform

  examples: |

    - at 3pm

    - on Tuesday

- tomorrow

  - next Friday

  - 10 am

Domain.yml

version: "3.1"

intents:

 - greet

 - goodbye

 - schedule_appointment

 - inform

entities:

 - time

 - date

slots:

 time:

  type: text

 date:

  type: text

responses:

 utter_greet:

  - text: "Hello! How can I assist you today?"

 utter_goodbye:

  - text: "Goodbye! Have a great day."

 utter_ask_date:

  - text: "For what date should I schedule your appointment?"

 utter_ask_time:

- text: "At what time would you like to schedule the appointment?"
  utter_confirm:
- text: "Your appointment has been scheduled for {date} at {time}."

actions:
  - action_schedule_appointment

Rules.yml file

version: "3.1"

rules:
- rule: Schedule an appointment
  steps:
    - intent: schedule_appointment
    - action: utter_ask_date
    - intent: inform
    - action: slot{"date": "<date>"}
    - action: utter_ask_time
    - intent: inform
    - action: slot{"time": "<time>"}
    - action: action_schedule_appointment

Actions.py

```
from typing import Any, Text, Dict, List
from rasa_sdk import Action, Tracker
from rasa_sdk.executor import CollectingDispatcher


class ActionScheduleAppointment(Action):

    def name(self) -> Text:
```

```python
        return "action_schedule_appointment"

    def run(self, dispatcher: CollectingDispatcher,
            tracker: Tracker,
            domain: Dict[Text, Any]) -> List[Dict[Text, Any]]:

        date = tracker.get_slot("date")
        time = tracker.get_slot("time")

        dispatcher.utter_message(
            text=f"Your appointment has been scheduled for {date} at {time}."
        )

        return []
```

Config.yml

```yaml
version: "3.1"

pipeline:
  - name: WhitespaceTokenizer
  - name: RegexFeaturizer
  - name: LexicalSyntacticFeaturizer
  - name: CountVectorsFeaturizer
  - name: DIETClassifier
    epochs: 100
  - name: EntitySynonymMapper
  - name: ResponseSelector
    epochs: 100

policies:
  - name: RulePolicy
```

Rasa train

rasa run actions

rasa shell

Output:

Hi

I want to book an appointment

Tomorrow

At 4pm