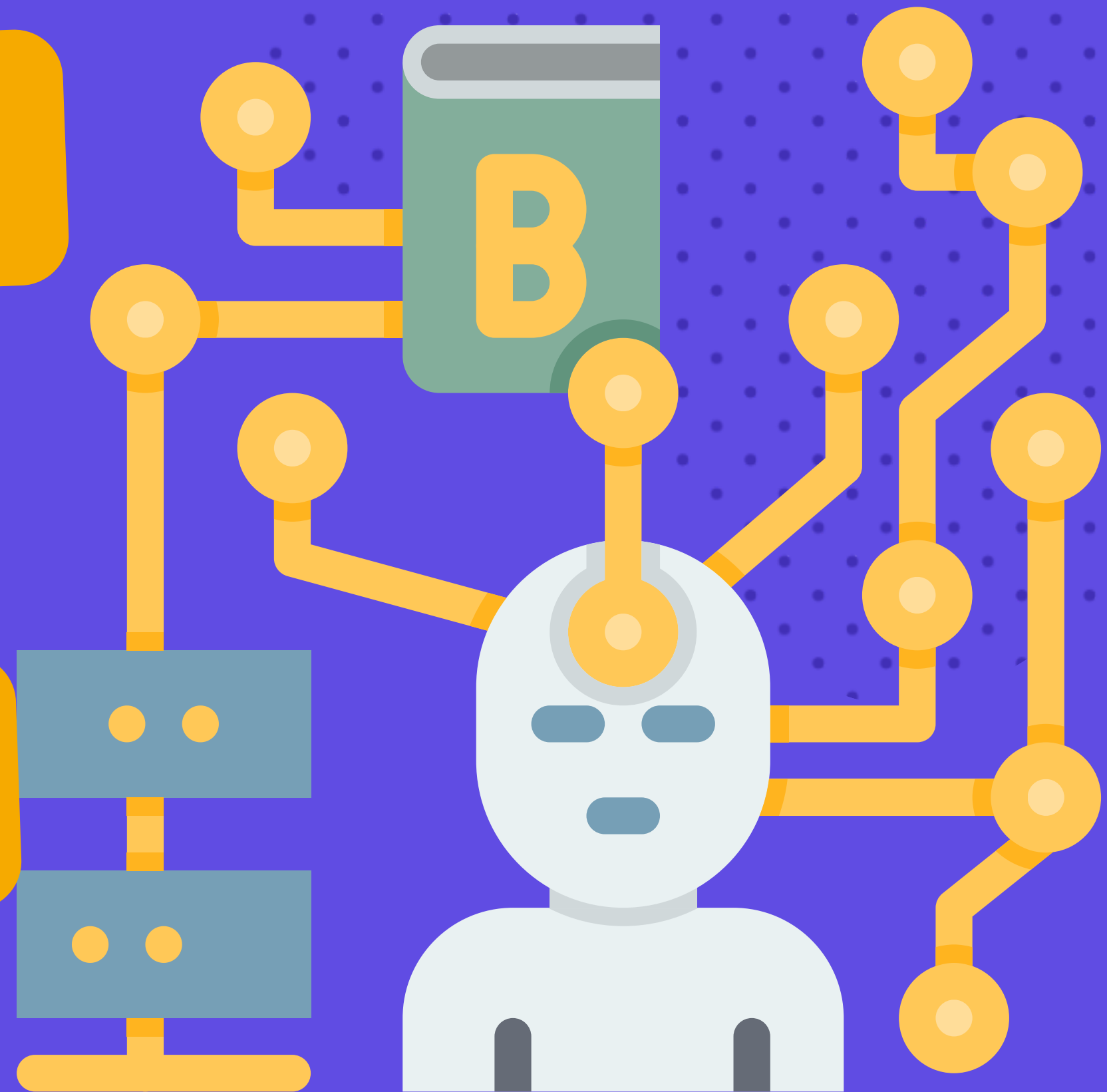


HOW IT WORKS

RASA BOT

ARCHITECTURE



WHAT RASA FEATURES?

ENTITIES

PARTS OF SPEECH WHICH
SIGNIFIES A NOUN

INTENTS

PARTS OF SPEECH WHICH
SIGNIFIES A VERB / OBJECTIVE

MODELS

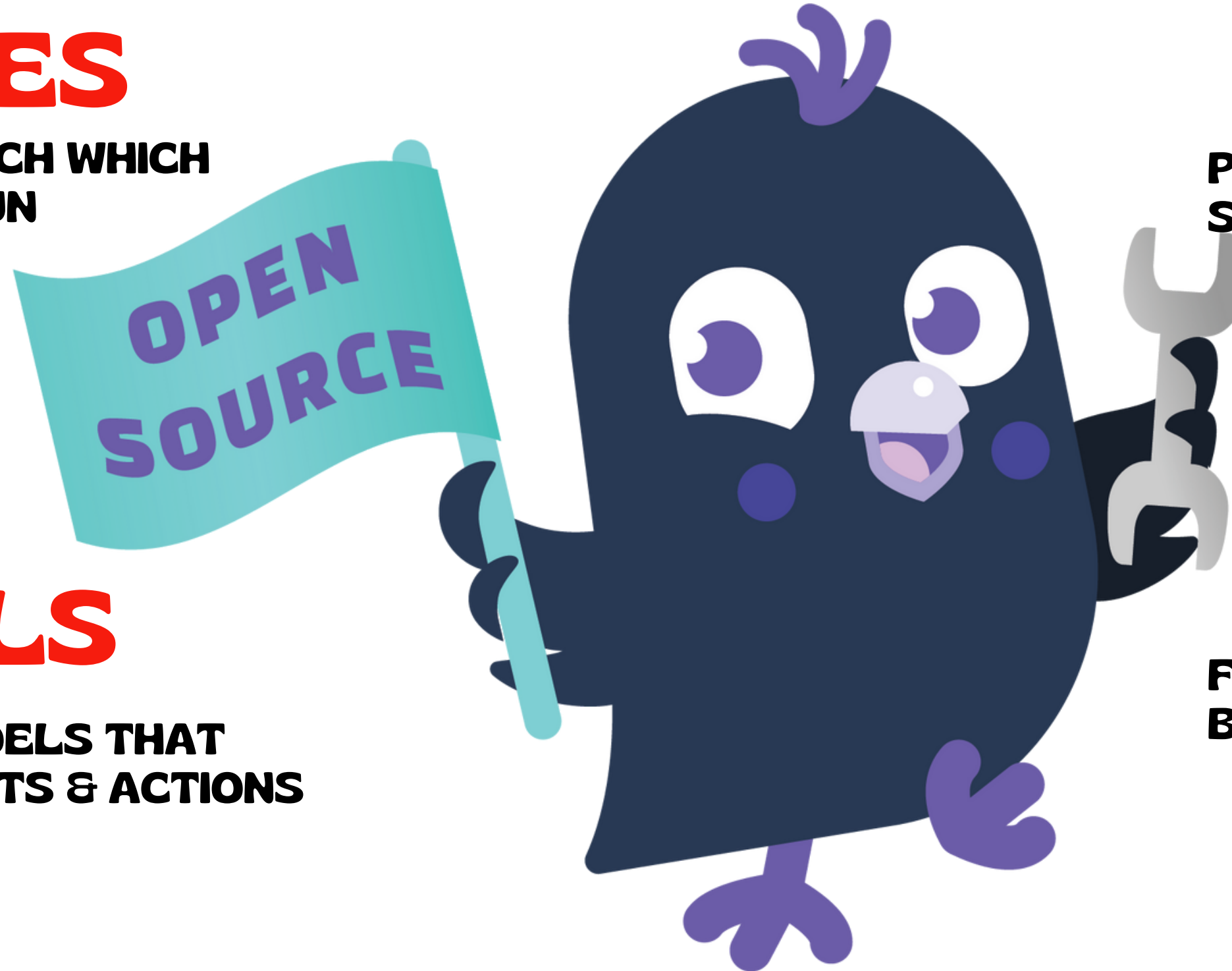
LANGUAGE MODELS THAT
EXTRACT INTENTS & ACTIONS

STORIES

FLOW OF CONVERSATION
BETWEEN HUMAN & BOT

ACTIONS

ACTION THAT CAN BE TAKEN ON
THE BACK-END WITH HELP OF
PYTHON / LOGIC



INSTALLING RASA

PYTHON 3.10

PREFER CONDA

**TENSORFLOW
MODELS**

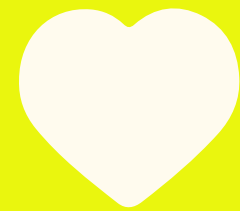
INSTALL COMMANDS

- PIP INSTALL RASA
- RASA INIT
- RASA TRAIN
- RASA SHELL
- RASA RUN
- RASA RUN ACTIONS
- RASA VISUALIZE

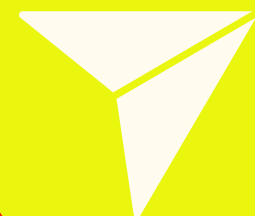
RASA CHATBOT PROJECT

- **DOMAIN.YML : DEFINES INTENTS, ENTITIES, SLOTS, REPOSES & ACTIONS**
- **NLU.YML: CONTAINS DATA FOR INTENTS & ENTITIES CLASSIFICATION**
- **RULES / STORIES.YML : CONTAINS INTENTS + ACTIONS FLOW DATA FOR PREDICTING THE NEXT STEP IN THE CONVERSATION**
- **ACTIONS.PY: CONTAINS THE PYTHON CLASS FOR ACCESSING THE ENTITIES PROVIDED BY USERS USING SLOTS AND ACTING ON THEM**
- **CONFIG.YML: CONTAINS THE MODELS, THEIR CONFIGURATION**
- **REST OF THE FILES SUPPORT THE ACTIONS AND RASA CORE SERVERS**

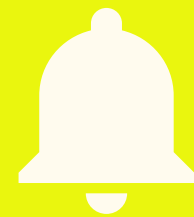
THANKS FOR WATCHING



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