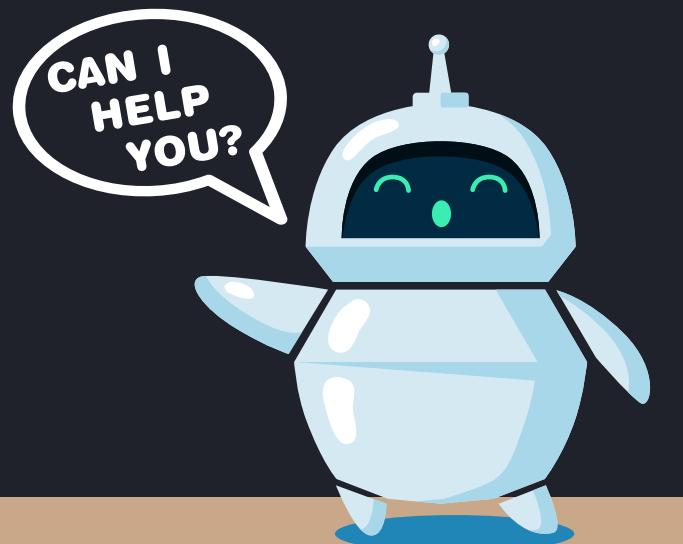


CINEBOT



Ironhack

Directed by João Cabral

AI CONTEXTUAL CHATBOT

- AI - Several NLP techniques applied on the dataset
- Contextual - Context is created to handle user inputs for consistent bot behaviour



DATASET

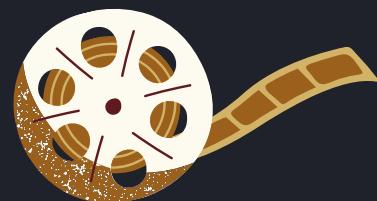
```
"tag": "thanks",  
"patterns": [ "Thanks", "Thank you", "That's helpful" ],  
"responses": [ "Happy to help!", "Any time!", "My pleasure" ]
```



"tag" - Identifies the classification of the dialog



"patterns" - Searches for patterns on user input



"responses" - Available responses (hardcoded)

NATURAL LANGUAGE PROCESSING

NLTK - Natural Language Tool Kit

- Tokenize

LancasterStemmer

- Stemming

Tensorflow

- TFlearn



USER INPUT

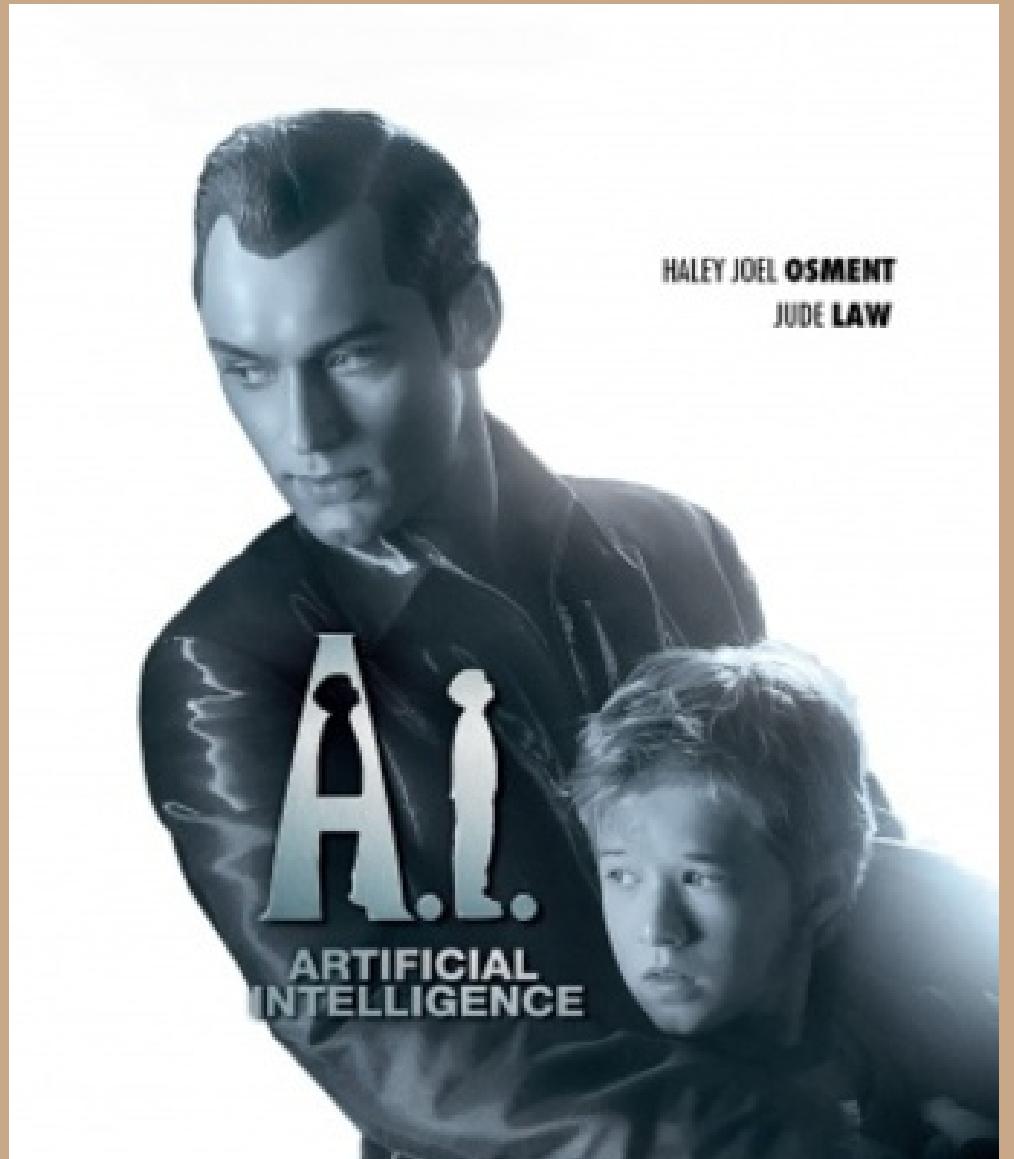
Tokenize
Stemming

NLP

Filters "tag" content in the dataset and finds best corresponce

Context

DEMO TIME!

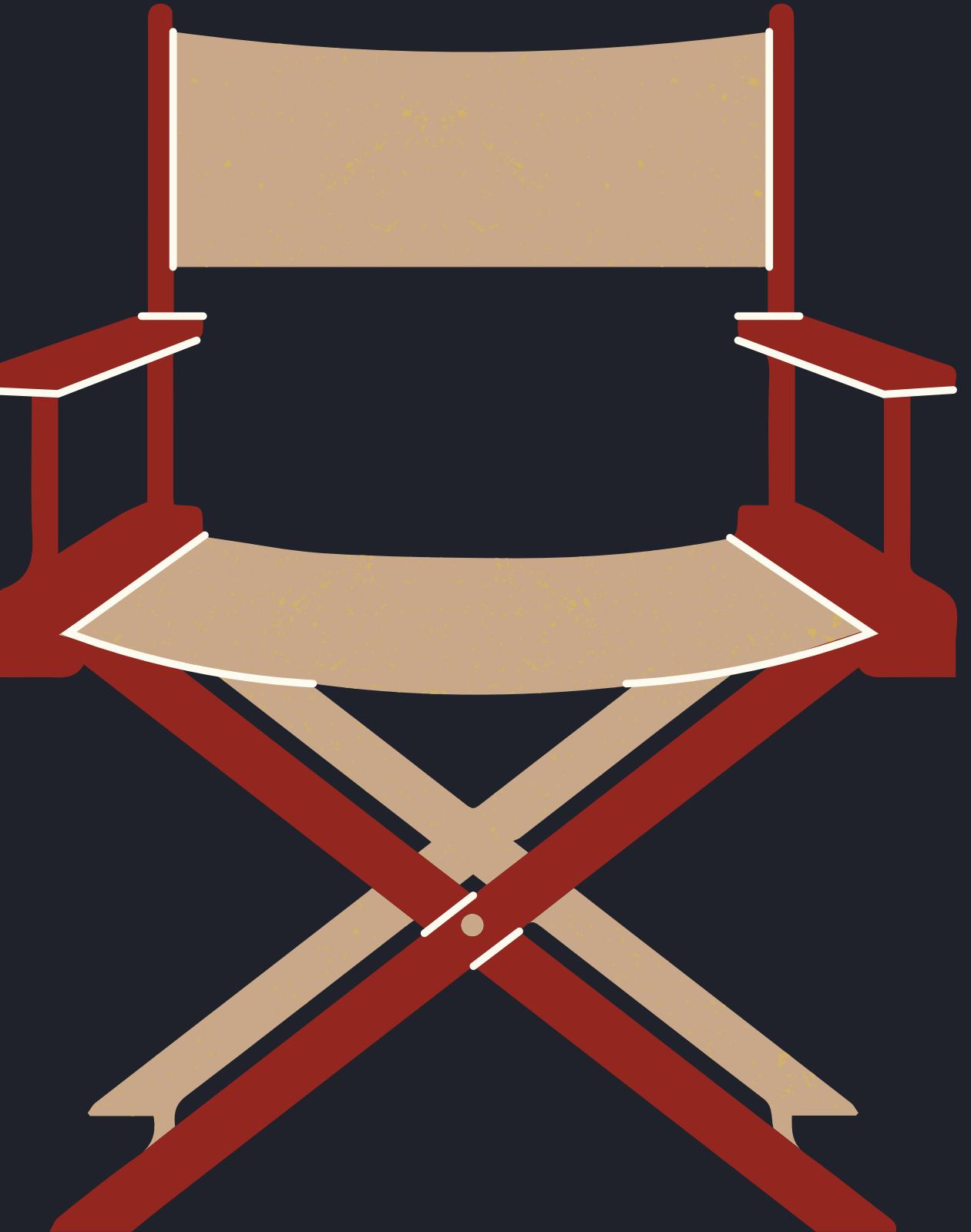


Prepare your
questions!



CONCLUSION

- Fast and easy access to movie informations
- Room for improvement
- Challenges





THANK YOU

&

Take some time out of your day to go watch a movie

