Understanding Language with Computers

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name: "RobotTalkZone"

Domain: conversation logs / a conversation chatbot

Task: Annotate a part of you corpus

Part of Data.jison

End part of data_clara.json:

End part of data_Saskia.json:

```json
 80          {
 81              "tag": "Science Fiction",
 82              "pattern": [
 83                  "Speaking of sci-fi, 'Alita' offers a captivating journey into the genre. Any reasons you haven't seen it yet?",
 84                  "Sci-fi lovers usually appreciate the unique elements in 'Alita.' What's your take on this intriguing sci-fi universe?",
 85                  "Considering your interest in science fiction, 'Alita' might be the next movie night choice. Have you watched it?",
 86                  "Sci-fi buffs often find 'Alita' to be a hidden gem. What's stopping you from diving into this futuristic adventure?",
 87                  "Sci-fi conversations are incomplete without mentioning 'Alita.' Curious about this cinematic journey?"
 88              ],
 89              "followingTags": ["Alita"]
 90          },
 91          {
 92              "tag": "cinema",
 93              "pattern": [
 94                  "Movies are a great escape. Have you considered immersing yourself in the world of 'Alita'? It's quite an experience!",
 95                  "If you enjoy cinematic adventures, 'Alita' is a must-watch. Any particular reason you haven't seen it yet?",
 96                  "Let's talk about your movie preferences. 'Alita' might just be the perfect fit. What's holding you back from watching it?",
 97                  "Considering our chat about movies, 'Alita' seems like a movie you'd enjoy. Any plans to add it to your watchlist?",
 98                  "Cinematic experiences are personal. 'Alita' offers a unique one. What's your hesitation in giving it a try?"
 99              ],
100              "followingTags": ["Alita", "movie"]
101          },
102          {
103              "tag": "movie",
104              "pattern": [
105                  "Exploring movie preferences, 'Alita' could align with your interests. Any specific reason you haven't watched it yet?",
106                  "Movies often resonate with our experiences. 'Alita' might strike a chord with you. What's keeping you from watching it?",
107                  "Let's dive into genres. 'Alita' offers a blend that might catch your interest. Have you considered adding it to your watchlist?",
108                  "Considering our movie chat, 'Alita' could be your next favorite. What's your reservation about giving it a try?",
109                  "Movies bring people together. 'Alita' has that potential. What's holding you back from experiencing this sci-fi journey?"
110              ],
111              "followingTags": ["Alita", "Science Fiction"]
112          },
113          {
114              "tag": "Alita",
115              "pattern": [
116                  "Now, let's talk about a movie that might have slipped under your radar – 'Alita.' What intrigues you about exploring this sci-fi adventure?",
117                  "Have you come across 'Alita' in your movie recommendations? It's a hidden gem that deserves a spot on your watchlist!",
118                  "Considering our chat, 'Alita' seems like a movie that could elevate your movie nights. Any specific questions about it?",
119                  "If you haven't watched 'Alita' yet, let me share why it's worth your time. What's your take on diving into this sci-fi world?",
120                  "As we wrap up, let me leave you with a movie recommendation – 'Alita.' It's a sci-fi journey that might just become a favorite. What are your thoughts on giving it a go?"
121              ],
122              "followingTags": ["done"]
123          }
```

Calculating the Cohen's Kappa involves having a confusion matrix, observed agreement probability, and expected agreement probability.

In the context of a chatbot, determining these values is challenging because there aren't clear "ground truth" or gold standard for comparison.

However, instead of a confusion matrix, we could manually evaluate a sample of interactions and categorize them into different classes based on the appropriateness or correctness of the chatbot's response. But therefore the chatbot needs to be operational and capable of generating responses which is not the case yet.

It can be noted that in the 'data_clara' approach, the chatbot comes across as more human-like, often reusing responses from users. On the other hand, the 'data_Saskia' approach gives a more sales-oriented impression, resembling a seller recommending the movie 'Alita' to the user.