

Final Goal

Support in the learning  
process of argumentation

Future  
Directions

Agreement on a standardized evaluation framework for testing

Development of open-source ethical systems to teach argumentation

Straightforward collaboration between NLP and educational researchers

Advanced  
reasoning skills and  
logic understanding

Improved visual aids  
learning tools

Bridged gap between chatbots and  
personalized teaching methods for  
argumentation

Current  
Achievements

Identifying logical  
structure and  
fallacies in corpus  
with patterns

Use of chatbots as dialog tutors

Users select a  
proficiency level

Combining visual  
aids (e.g. graphs) and  
a text editor

Tracking and  
annotating class  
discussions

Users customize  
tags

Underlying  
Pedagogy

Toulmin model

Rhetorical  
structure theory

Collaborative  
argumentation

Socratic  
questioning

Richness

Visualization

Interactivity

Personalization