

Trojan Bot – Alexa Prize 2019

Impact Document

We think that our approach will improve the quality of Conversational AI by making heartfelt conversations with the customer. Our personality profile component may substitute the limitation of view of a Social bot. In human conversation we often assess people's gestures to restructure our conversation. Since the bot lacks the ability to observe gestures, so we try to tap the psychological aspect of a conversation i.e. personality profiling. We associate each dialog of the training set to a personality trait and make a model learn how to associate personalities through dialogs. In the field of conversational AI, this will help in making more fun and engaging conversations. Our approach will help us make personalized topical transitions and better intent detection. Our approach will also help the bot set an expected conversation plan that will help us traverse through vast knowledge graphs swiftly. This makes our approach scalable to larger datasets. Our approach will use BERT for dialog management and help us make accurate and precise responses to customer requests.