Problem Statement

Develop a chatbot on AWS Lex / Google DialogFlow/ MS Bot Framework.
The bot should generate a response based on utterances, as well as user's queries to respond in a relevant and sensible manner with a human touch. The bot should be able to perform a long form of FAQ and button driven conversation. Turnaround time for chatbot response should be under 1 second.

Key Information
● Subject on which the bot has to be trained - IPL data for 2019 (Season, city, teams, toss winner and decision, winner, win by run, win by wicket, DL applied, player of the match, venue). The chatbot should be able to answer questions about specific matches and should be able to remember and switch context based on user input. Data Source: CricSheet.org and Manas - Kaggle (https://www.kaggle.com/manasgarg/ipl)
● Length of conversations -The chatbot should be able to successfully carry on the conversation for at least 15 dialogues each by user and chatbot.

Source of Data- . IPL 2019 dataset attached. -Dataset

What we expect as a solution
● A chatbot using the subject mentioned above
● The backend development done to solve the problem statement should be accessible through the basic front end user interface
● A basic user interface, which can be used to test the chatbot performance
● If the chatbot is unable to understand the user's question/ dialogue, then chatbot should return a user friendly error message and drive the users in the right direction by offering a few suggestions.
● Chatbot should be able to respond to greetings, pleasantries etc. and should exit the conversation gracefully at the end.
● The chatbot responses should be meaningful, precise and user friendly

Deliverables:
● A simple UI to test chatbot
● Bot with clear conversation flow
● All code base
● Conversation flow diagram/ design