

(The creative team may change the layout of this document as they wish, preserving the details as required)

Problem Statement:

The contestants are required to develop an intelligent chat-bot, given a specific domain for training the model.

The problem flow is explained below.



1. Contestants will be provided with domain specific webpages from which they will have to **scrape and filter factual data (of about one standard A4 page doc)** in order to advance towards the Model development process.
2. Develop an **intelligent, non-hardcoded** chat-bot using fundamental or advance NLP techniques
 - a. The model shall be **trained** on the dataset created/provided in step 1.
 - b. The model shall be developed such that it can **answer** to potential questions and queries from within the domain webpages.
3. The contestants shall test their chat-bots using **up-to-date evaluation metrics** and strategies prior to the academic evaluation.
4. After the candidates are done with the development, they must design an appropriate **User Interface** for the chat bot
5. Finally, the Models will be passed through a series of Questions based on the domain webpages by the **Evaluation Panel** in order to rank the teams and the Contestants might also be asked to **present their work to the judges**.

Note: The contestants are free to follow any problem-solving and development strategies (life-cycle) they want, the above is just an example. However, the evaluation shall be fixed and carried out as stated by the hosting team at AD-Soc and Bot-Baazi. Furthermore, the best UI designed chat-bot will be integrated later on into the industrial systems (sponsored programme).

AD-Soc

Bot-Baazi