

AI Hackathon 2019 was jointly organised by Tata Motors Global Delivery Centre, Symbiosis Centre for Applied Artificial Intelligence (SCAAI) and Symbiosis Institute of Technology (SIT), Pune between August 2019-September 2019. AI Hackathon was organized to nurture young minds for making them aware of scope of AI in industrial applications. This was first of its kind event organized by industry and academia where innovation in AI and NLP (Voice sentiment analysis) was explored by the participants. In the initial round, we had invited students and start-ups to participate in this innovative platform and challenge their minds in Artificial Intelligence (AI) and Natural Language Processing (NLP) technologies to solve two very relevant state-of-art problem in industry.

Problem Statement 1:

To evaluate audio clips from a contact center conversation between the customer and the contact center agent and classify the calls into different categories viz;

- a. New vehicle purchase
- b. Test drive requests
- c. Breakdown
- d. Feedback

Problem Statement 2:

- a. To evaluate audio clips of conversation between a call center agent and a customer and classify the emotions / sentiments of both the individuals into seven categories namely:
- b. Happy, Sad, Disgusted, Fearful, Surprised, Angry and Neutral.

In round 1, 467 teams registered from all over India and opted for either or both the problem statements. They were given 10 days for uploading the solution for the problem of their choice. After the successful completion of round 1, an initial screening / shortlisting process was carried out by the team of evaluators from Tata Motors and Symbiosis and total 20 teams (10 teams per problem statement) were shortlisted for a Skype Round. After the skype based interviews to understand the methodology of the solutions submitted in the Round 01 for Problem Statements 1 and 2. Time given for the same was 10 min including Q&A.

Finally, 10 teams (5 teams per problem statement) were selected for the 2nd and final round which was held on SIT premises. The problem statements were extended to include a regional language which was assigned to the teams by the evaluators. The teams were given 72 hours from 10am on 27th September to 10am on 30th September 2019. The evaluation and prize distribution ceremony took place on 30th Sept 2019 which was attended from esteemed guests from Tata Motors and Symbiosis.

Following teams were the winners of the AI Hackathon:

Problem Statement 1:

Winner: Sri Ramakrishna Engineering College, Coimbatore

1st Runners UP: Sri Ramakrishna Engineering College, Warangal

Problem Statement 2:

Winner: VJTI, Mumbai

1st Runners UP: SIT, Pune



Dr Kotecha briefing students about AI Hackathon evaluation criteria



AI Hackathon participants with organizing committee



Dr Nitin Khedkar and Dr Pradeep Chatterjee addressing the participants and invitees at Award Ceremony of AI Hackathon on 30th September 2019



Invitees at Award Ceremony of AI Hackathon



Winners receiving cheques and certificates at the award ceremony



At concluding session of AI Hackathon event with Team members

View the link: <https://tatamotorsltd.newsweaver.com/fir/k9mt1qx8zck>