intelli Hack 5.0

Artificial . But Intelligent

DELEGATE BOOKLET

IEEE computer society

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING
STUDENT BRANCH CHAPTER

UCSC

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What is Intellihack 5.0?

IntelliHack 5.0 is the 5th consecutive edition of the IntelliHack series presented by the IEEE Computer Society Student Branch Chapter of the University of Colombo School of Computing. The event is set to bring together talented undergraduates from local universities. Participants will tackle challenges using specific datasets and apply Machine Learning to devise effective solutions within the given time frame. The hackathon launches with two competitive rounds, giving participants a chance to showcase their skills and innovation in tackling tricky datasets.

Initial Round Timeline

Code Submission

Timeframe: **39 hours**
Begins: **March 08th, 9:00 AM**
Ends: **March 09th, 11:59 PM**

Documentation Submission

Timeframe: **9 hours**
Begins: **March 10th, 12:00 AM**
Ends: **March 10th, 9:00 AM**

Guidelines: Initial Round

1. The initial round will commence promptly at 9.00 AM on the 8th of March and will be held online.

2. The tasks for the contest will be accessible exclusively through our website at 9.00 AM, and submissions for the given tasks should also be made exclusively through the website.

3. 4 questions will be provided which is related to Machine Learning.

4. You will be provided with datasets to find solutions to the Machine Learning problems.

5. You have the option to utilize ChatGPT or any other chatbot API for solving LLM (Large Language Model) problems.

6. Teams are expected to complete their assigned problems within a 39-hour time frame.

7. Another 9 hours will be provided for the submission of documentations.

8. No extensions will be granted until the submission deadline.

Task Submission Criteria

1. You are required to create separate GitHub repositories for each given task.

2. You must follow the following naming convention when naming your repositories.
   Eg : Intellihack_TeamName_TaskNumber

3. A submission form will be opened for each task, and the submission of the GitHub repository link should be made exclusively through that form. Only one submission will be accepted for each task.

4. Once submitted, no changes will be allowed in the repository. If not, your attempt for the specific task will be discarded.

5. The submission should be done by the team leader, and the collaborators to the repository are tracked. Outside collaborations are strictly prohibited.

6. After the first 39-hour time frame concludes, no further submissions will be accepted. Any modifications to the repositories beyond this deadline will result in disqualification for the entire team.

7. After the next 9-hour time frame concludes, no further documentation submissions will be accepted.

Submission Requirements

For LLM Tasks

1. Please submit your notebook or relevant files for your implemented language.

2. Prepare a comprehensive report detailing your approach to meeting the project requirements.

This should include,
- The strategies you used to give training data to the chatbot.
- Methods for maintaining chat history to ensure a smooth conversation flow.
- An evaluation of the cost-effectiveness of the bot you've created.
- Any additional features you have incorporated to enhance its functionality.

3. Additionally, include clear instructions for running your program.
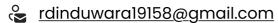
Submission Requirements

For ML tasks

1. Submit your Python code implementing the data preprocessing, model training, evaluation, and prediction. (Exclude the datasets and the model files)

2. Include a brief report discussing the approach taken, challenges faced, insights gained from model evaluation, and suggestions for improving the model's performance.

3. Additionally, include clear instructions for running your program and reproducing the results.

Note: You may use any relevant libraries and techniques for this task, ensuring clear documentation and organization of your code.

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