# NVIDIA NIMS HACKATHON FAQ Document





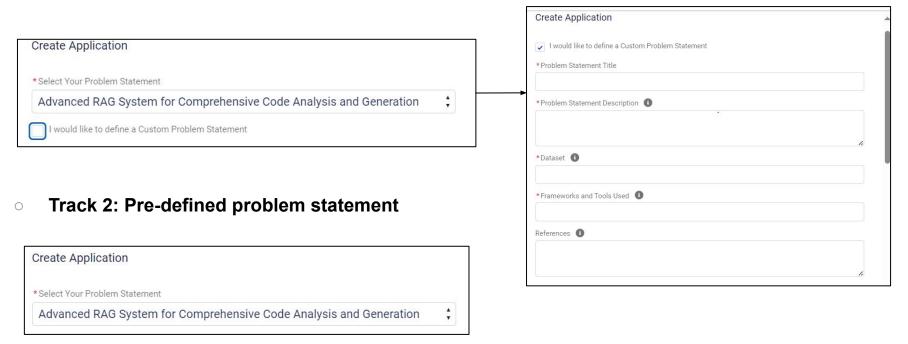
# General FAQ

- Why should I participate in this hackathon?
  - The hackathon provides a unique opportunity to work alongside with mentors on latest AI technologies and exciting prizes
- Who can participate in this hackathon?
  - A team comprising of 2-5 members can participate in the hackathon.
- Who owns the solution created during the hackathon?
  - The solution is owned by the team.
  - NVIDIA or any other organizer does not claim any ownership.
- Is it necessary for our team to use the cluster provided by NVIDIA or we can use my own infrastructure?
  - Both options are available, team can use the infrastructure provided by NVIDIA or use their own.
- Is it virtual or in-person?
  - The hackathon is a virtual event, open for Indian nationals. The final presentations for the selected 10 teams would be in-person at the AI Summit in Mumbai on October 23. Minimum 2 members from the selected team are expected to be present for the presentation to the Jury.
- How does mentorship work?
  - Teams selected for stage 2 would be assigned a NVIDIA mentor who would guide them through office-hour sessions from 25 September to 16 October 2024.





- What are the Problem statement tracks?
  - Track 1: Bring your own problem
    - Please click the checkbox "I would like to define a Custom Problem Statement" and proceed with the next steps







- Who should apply by bringing own problem statement Track 1?
   Teams with already an:
  - Exposure to NVIDIA NIMs or other tools and SDKs.
  - Having pre-defined goals with existing open or proprietary datasets.
- Can I get my own dataset Track 1 : Bring your own problem?
  - Yes, you can get your own datasets, but you need to declare the dataset license in advance (proprietary/limited access/open source/any-other-license)
- Where can I ask more queries on the problem statement?
  - Slack link:
    - https://join.slack.com/t/nvidianimshackathon/shared\_invite/zt-2nenvxeg7-mODiyBjFFu079OYJ\_02WWw





- Who should apply for pre-defined (NVIDIA given) problem statement Track 2 ?
  - Teams that are just starting to explore the NVIDIA tools and SDKs are recommended to apply for the pre-defined problem statement.
- Can I get my own dataset Track 2 : Pre-defined problem statement?
  - Yes, any publicly available dataset along with synthetically generated datasets can be used, but they need to be submitted along with their relevant license(s) during the final submission.
- Where can I find more information about the problem statement?
  - More information can be found under problem statement tab of the application page
- Where can I ask more queries on the problem statement?
  - Slack link:
    - https://join.slack.com/t/nvidianimshackathon/shared\_invite/zt-2nenvxeq7-mODiyBjFFu079OYJ\_02WWw





- What are the judging criteria for Stage 1 Track 1 & Track 2 ?
  - Teams are required to submit a presentation by Sep 3. This presentation will be used for evaluation and selection for Stage 2. The presentation should cover the following sections:
    - **Team skill set:** Assessment of the team's collective expertise and competencies.
    - Understanding of the problem statement: Evaluation of the team's comprehension and articulation of the problem at hand.
    - **Proposed solution:** Analysis of the feasibility, innovation, and effectiveness of the solution presented.
    - Long-term roadmap: Examination of the strategic plan for the solution's implementation and sustainability over time.
- How many teams would be selected for Stage 2?
  - Based on the presentations, overall 10 teams will be selected for the stage 2.
- When will the results of Stage 1 be released?
  - The teams selected for stage 2 will be announced on September 25.





- What are the judging criteria for Stage 2 Track 1: Bring your own Problem
  - Teams would be evaluated based on the following criteria:
    - Innovation and Relevance: Uniqueness of the problem statement and its relevance to real-world applications.
    - Effective Use of NVIDIA NIMs: Innovative integration and utilization of models from the NVIDIA NIM Catalog to address the presented problem.
    - **Technical Implementation**: Scalability, and overall solution architecture.
    - **Presentation and Demo**: Clarity of project presentation and demonstration.





- What are the judging criteria for Stage 2 Track 2: Pre-defined Problem statement Teams would be evaluated based on a series of Quantitative & Qualitative metrics:
  - Quantitative Performance :
    - Accuracy and efficiency of code generation, explanation, and debugging assistance based on predefined test cases using industry accepted metrics such as faithfulness, answer relevancy, context recall & context precision.
  - Qualitative Assessment :
    - Project implementation and presentation: Overall RAG pipeline design, creative use of NVIDIA NIM API Catalog models, and novel approaches to integrating CUDA documentation.
    - Technical Understanding and Analysis: Depth of understanding demonstrated in retrieval and summarization of CUDA-related information.
    - Guardrails: Integration of NeMo Guardrails to handle out-of-scope and potentially malicious prompts appropriately.





# Learn more at WWW.OPENHACKATHONS.ORG



