TCS Quantum Challenge 2023

Participant Briefing Session

TCS Quantum Challenge 2023 - Registration
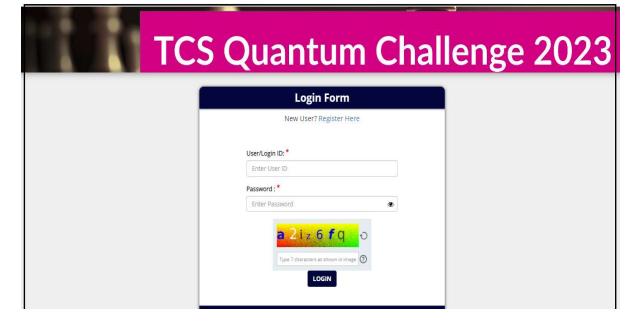

TCS Quantum Challenge – Marketing

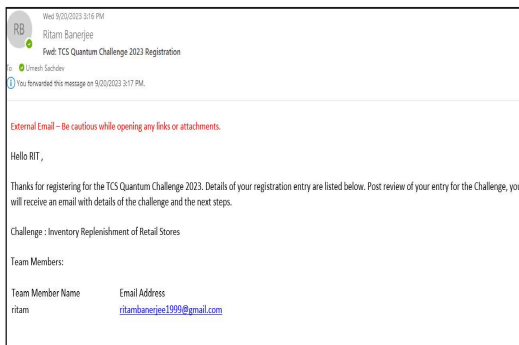**Challenge Launch Site:**
https://www.qcshub.org/tcs-challenge

TCS Quantum Challenge Website
(Click Register button)

TCS Quantum Challenge – Registration Site

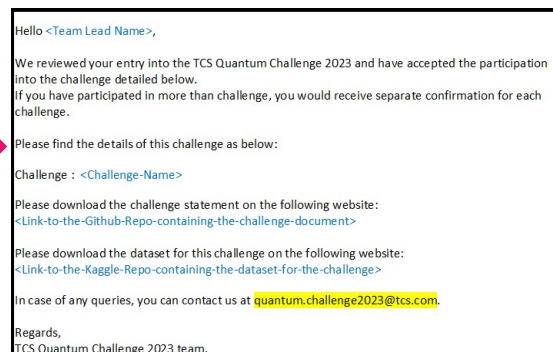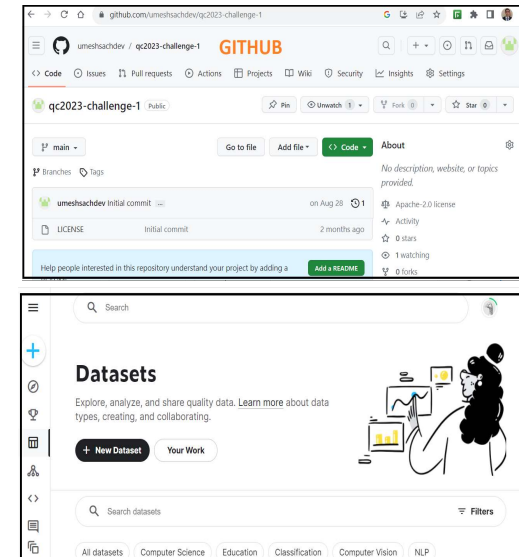Building on belief

TCS Quantum Challenge 2023 - Registration

Registration Confirmation (Automated System Email)

Registration Acceptance (Manually sent by TCS Quantum Challenge team)
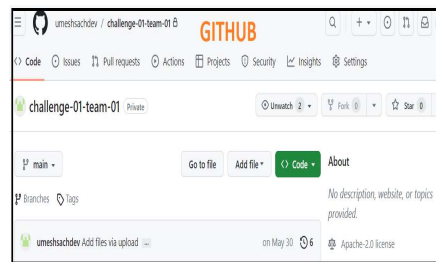

Download the Challenge Statement from Github and dataset from Kaggle using the links received in Registration confirmation.

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AWS Credits for Phase 1
Participant will receive AWS Credits (through voucher code), that they shall redeem for preliminary experimentation for the solution in Phase 1.
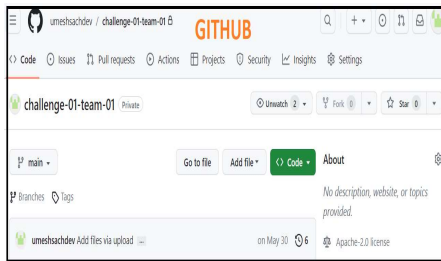
Phase 1 Submission (GitHub)
TCS Challenge team will share GitHub repo before submission. Participant to submit their phase 1 response by uploading into GitHub repo.

Assessment of Phase 1 for shortlisting into Phase 2
TCS Challenge team will assess responses from Phase 1 and publish shortlisted entries moving into Phase 2

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Phase 2 Submission (GitHub)
Participant to submit their phase 2 response by uploading into GitHub repo. The Github repo would be the same repo as shared in Phase 1 (with a different folder in the same repo).

Assessment of Phase 2
TCS Challenge team will assess responses from Phase 2 for shortlisting for defense presentation

Phase 2 – Defense Presentation
TCS Challenge team will invite shortlisted teams for Defense presentation (virtual)

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Challenge – Winners Announcement

TCS Challenge team will publish the winners of the Website.

Appropriate communication will be shared with the winners for prize money transfer from TCS to the winners.

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TCS Quantum Challenge 2023 – Cloud Infrastructure

AWS Credits

As the Cloud Partner for TCS Quantum Challenge 2023, AWS will provide cloud credits to the participating teams as follows:

Phase 1
For Phase 1 of the Challenge, each participating team who have registered into the challenge, will be provided with $500 worth of AWS credits per challenge statement that the team opts to work on.

Phase 2
For Phase 2 of the Challenge, the teams would be required to provide an estimate of the resources that they would need in Phase 2, as a part of their Phase 1 submission. The estimate will need to be supported with appropriate justification for the resources required, and the experimentation design/approach for Phase 2.   Value of AWS credits provided would depend on the estimates, justification, and experimentation design/approach provided.

Guidelines

1. All Participants would receive "Participant Guide for redeeming AWS Credits" document via email post registration into the event. The guideline document also contains few guidelines and instructions for usage of AWS Bracket Services.
2. Post registration into the event and verification of the entry, the Participants will receive an email with details of the Voucher Code for utilizing AWS credits.

For any clarifications / queries for Usage of AWS Credits, please write to tcs-quantum-challenge@amazon.com

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TCS Quantum Challenge 2023 – Guidelines

1. Only the Team Lead needs to register for the Quantum Challenge on behalf of both the Team Lead and the Team Members. A Team Lead can register into for multiple challenges and registration for each entry would be treated as a separate entry.

2. TCS Quantum Challenge team will communicate only with the Team Lead for the challenge.

3. The participants need to submit their project on the GitHub repository that TCS Challenge team had provided them with the collaborator access. Any other modes of submission will be deemed invalid.

4. Participant Response Submission:
   - The submissions from the participants will be managed through Github. Each participating team will be granted access to a private Github repository, with access to all the team members in the team.
   - All participants in a participating team (team Lead and all team members) will need to have a GitHub account associated with the email address they have provided while registering for the challenge, so they can access/submit their code.

5. The participants will need to sign into Kaggle for access to the dataset that accompanies the challenge statement(s) for the challenge that they have registered to.

6. For all communication throughout the course of the event, the Team Lead of the participating team shall communicate as below:
   - For any issue with AWS Credits usage or usage of AWS Cloud Infra, please write to tcs-quantum-challenge@amazon.com
   - For all other queries, please write to quantum.challenge2023@tcs.com

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Thank You

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