

Guidelines

General Guidelines

- GS Quantify is open to all students from the below mentioned select colleges and participation is on an individual basis
- There are 3 sections – Computer Science (CS), Machine Learning (ML) and Quantitative Aptitude (QUANT). The sections are identified by appropriate prefix. A participant can submit solutions for one or more sections. Each section has one or two problem solving challenges.
- If a participant can solve all three sections with high quality solutions, that's awesome! However, solving one section with high quality is preferred to solving all sections with lower quality.

Submissions

Each question in the section defines its own submission guidelines and timelines. Please adhere to the guidelines while submitting the solutions. Generally:

- The output must conform to the format specified in the problem statement
- A format checker has been designed to check the output for each problem. If your solution does not pass the format checker, it will not be evaluated.
- You may upload solutions multiple times, you will be ranked for the latest submission and a real-time per-problem leader board will display your position in comparison to other submissions. Please submit your complete solution each time you resubmit.
- For the final evaluation, only the final submission will be considered.
- For each section the problem solving challenges have to be submitted by 10pm on 14th Oct18.

Any plagiarism found in the model, output or code will lead to disqualification.

Evaluation

- Each section carries 1000 marks
- For marks on the leaderboard, elapsed time for submission is the tie-breaker.
- Based on the online event, a selected list of participants will be called for on-site event where they will give presentation for their solution.
- Finalists for on-site event will be decided based on both marks on the sectional leaderboard as well as subjective evaluation of all the submitted documents and source code. Therefore, high rank on the sectional leaderboard does not guarantee a finalist position for on-site event. It is an indicative rank for the online evaluation.
- Results will be treated as final and are not subject to re-evaluation based on participant request

FAQs

Why should I participate in GS Quantify?

GS Quantify is a unique platform in the Financial Services industry to showcase innovative problem-solving skills which will challenge you in the areas of computer science, machine learning and quantitative finance. Add to this, there are some exciting prizes to be won.

I am in a Dual Degree program, what Degree/College Year should I enter?

Please enter the highest degree and year of the primary program.

What are the participating colleges in GS Quantify 2018?

B.M.S. College of Engineering, Bengaluru	Indian Statistical Institute, Calcutta
Banasthali Vidyapith University	Indira Gandhi Delhi Technical University for Women, Delhi
Birla Institute of Technology & Science, Pilani	Indraprastha Institute of Information Technology, Delhi
Birla Institute of Technology & Science, Pilani - Goa	International Institute of Information Technology, Bangalore
Birla Institute of Technology & Science, Pilani - Hyderabad	International Institute of Information Technology, Hyderabad
Birla Institute of Technology, Mesra	Jadavpur University, Kolkata
College Of Engineering, Guindy	Malaviya National Institute of Technology, Jaipur
College of Engineering, Pune	Manipal Institute of Technology
Cummins College of Engineering for Women, Pune	Maulana Azad National Institute of Technology, Bhopal
Delhi Technological University	Motilal Nehru National Institute of Technology, Allahabad
Indian School of Mines , Dhanbad	National Institute of Technology, Kurukshetra
Indian Institute of Information Technology, Allahabad	National Institute of Technology, Durgapur
Indian Institute of Science, Bengaluru	National Institute of Technology, Rourkela
Indian Institute of Technology (BHU), Varanasi	National Institute of Technology, Silchar
Indian Institute of Technology, Bhubaneswar	National Institute of Technology, Surathkal
Indian Institute of Technology, Bombay	National Institute Of Technology, Trichy
Indian Institute of Technology, Delhi	National Institute of Technology, Warangal
Indian Institute of Technology, Guwahati	Netaji Subhas Institute of Technology, Delhi
Indian Institute of Technology, Hyderabad	Nirma University, Ahmedabad
Indian Institute of Technology, Indore	PES Institute of Technology, Bengaluru
Indian Institute of Technology, Jodhpur	PSG College of Arts and Science, Coimbatore
Indian Institute of Technology, Kanpur	Punjab Engineering College, Chandigarh
Indian Institute of Technology, Kharagpur	Rajasthan College of Engineering for Women, Jaipur
Indian Institute of Technology, Madras	RV College of Engineering , Bengaluru
Indian Institute of Technology, Mandi	Shiv Nadar University
Indian Institute of Technology, Patna	Shri Govindram Seksaria Institute of Technology and Science, Indore
Indian Institute of Technology, Roorkee	SSN College of Engineering, Chennai
Indian Institute of Technology, Ropar	Visvesvaraya National Institute of Technology, Nagpur
Indian Institute of Technology, Gandhinagar	Veermata Jijabai Technological Institute, Mumbai
Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar	

Which year students are eligible to participate in Quantify?

All students from the above-mentioned set of colleges are eligible to participate.

Do you declare winners for each problem or cumulative of all problems?

There is emphasis on quality over quantity. If you are able to solve all three problems with high quality that's great, otherwise having high quality solution to at least one problem is important. Top submissions per section as well as those best in cumulative score will be invited to GS Campus to present their solutions.

Can we participate in teams?

No, you can participate only in an individual capacity.

What questions were asked last year?

Computer Science (CS): [Profit maximization](#), [Trading model](#)

Machine Learning (ML): [Predicting garbage collector invocation](#)

Quantitative Aptitude (Quants): [Modelling of market volatility](#)

What are the registration costs?

GS Quantify has no registration fee.

How do I register?

You can sign up for the contest here : <https://www.hackerrank.com/gs-quantify-2018>

What are the steps to register for GS Quantify?

- Fill in your individual information by entering details like College name, roll number, graduation year etc.
- Confirm the "Declaration"
- Submit!
- Invitations will be sent to you for participation on your registered email ID
- Expect an e-mail reminder 1-2 days prior to the contest

What is my login id and password to access the contest?

You can access the contest with your HackerRank account credentials.

Can participants be from different programs, branches and year of graduation?

Individuals from any program, branch or year of graduation from the above-mentioned set of institutes can participate

How do I submit my solutions?

Each problem specifies its own submission guidelines.

What should be the size of the final submissions?

The maximum upload limit is 5 MB per problem.

Will there be a live leaderboard for each of the questions?

Yes. There will be a leaderboard for all the sections but there will not be an overall contest leaderboard.

What programming languages can I use?

As per the problem, if required to code in HackerRank platform, then you'll need to use any HackerRank supported language. Otherwise, feel free to use any language.

Will GS Quantify Team be around to answer my questions during the contest?

Please post on discussion forums for section related questions. Login related problem can be directed to gs-quantify-2018@hackerrank.com. The team will be accessible between 10 am and 10 pm on all contest days.

Whom do I contact for more information?

Please refer to FAQs, Guidelines, and Discussion Board per problem as first resort. Please note that the discussion boards are public and discussion of solutions will lead to disqualification.

For more information or clarifications on the questions, you can email your queries to us at gs-quantify-2018@hackerrank.com. Please mention your contact number so that we may call you back if required.

Do I get a job offer or get to interview for roles at Goldman Sachs if I participate or win?

No. GS Quantify is strictly a non-recruitment event, and bears no relation to anyone getting shortlisted for interviews or being offered a job at Goldman Sachs.

Terms and Conditions

- Goldman Sachs reserves the right to modify the event or cancel the event at any stage, without incurring any liability.
- This contest and participation in this contest is not an offer of employment or internship.
- The participants warrant and certify that their submissions are original and do not infringe third party copyrights, patents or intellectual property rights.
- Further, upon submission of solutions, all intellectual property rights and ideas generated during this contest and in the submissions shall vest in Goldman Sachs, and Goldman Sachs reserves the right to use the same in any manner, including for commercial purposes.