

National Conference on Data Science for Climate Resilience (NCDSCR-2024)

on
5 – 7 December, 2024

Organized by Department of Mathematics

Event 3: Predictive Analytics Challenge

1. Competition Objectives:

The Predictive Analytics Challenge is designed for participants to demonstrate their skills in predictive modelling and analytics. This competition encourages participants to develop effective, insightful, and innovative predictive models to solve real-world problems.

2. Conditions and venue of the competition:

- Open to individual participants or team of 2 members.
- Venue: 205, Department of Mathematics,
The Institute of Science, Mumbai.
- Time: 02:30 p.m.
- Link for registration: Same as the registration link.

3. Procedure for participation in the competition:

- Participants have to register before the deadline by completing an online registration form.
- All required fields are to be filled in by each Participant.

4. Competition Guidelines:

- Duration: 45 minutes with report making included. Followed by 2-minute presentation and Q&A session.
- Code: Participants can use either Python, Excel or R language for their predictions and analysis.

- Report: A detailed report about problem statement, methodology, data pre-processing, model selection and conclusion is to be submitted in word or pdf file.

5. Evaluation Criteria:

- Data Cleaning (30%)
- Model Selection (30%)
- Model Accuracy (20%)
- Prediction and Conclusion (10%)

6. Code of Conduct:

- All participants must respect the time limits and maintain professionalism.
- Offensive or inappropriate content, language, or behavior will not be tolerated and may result in disqualification.

7. Prizes:

Winners will be announced on the day of presentation in the valedictory function and the prizes are as follows:

- 1st place – Rs. 4000
- 2nd place – Rs. 3000
- 3rd place – Rs. 2000

8. Deadline:

Register deadline 24 November 2024.

9. Contact Information:

For any inquiries, contact the competition organizers

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