



STEPCONE-2024

STANDARD OPERATING PROCEDURE

EVENT NAME: DataViz

DEPARTMENT NAME: CSE & CSE-AIML & AIDS

EVENT TYPE: Technical Event

EVENT DESCRIPTION:

DataViz is an event where students collaboratively analyse raw data using various processing techniques. Each team should consist of 2-4 participants. The goal is to enhance user understanding through visualization. Participants create interactive dashboards displaying graphs, allowing users to input and customize outputs. The event emphasizes analytical skills, data visualization, and user interaction, fostering proficiency in translating insights into actionable visualizations.

EVENT GUIDELINES:

- Each team should have at least one laptop
- All the team members registered should be present at the venue by the start time
- There should be no malpractice involved in working on the problem statement
- The participants should be present at the venue for the whole event (all through the night)
- There should be no changes in the registered members in a team

TEAM SIZE: 2-4 Members

PLAN OF ACTION:

1. **Event Kick-off** (15 minutes): Provide a brief introduction to DataViz, highlighting key objectives like collaboration, data processing, and visualization techniques. The faculty coordinator addresses participants, expressing expectations and encouraging enthusiasm.
2. **Problem Statement Distribution** (15 minutes): Distribute problem statements, including data sets and instructions. Student coordinators clarify doubts, ensuring teams have a clear understanding. The event team addresses technical issues and provides assistance.
3. **Data Analysis and Processing** (100 minutes): Teams engage in collaborative analysis and employ various processing techniques on raw data. Coordinators circulate among teams to offer guidance, while the event team monitors for technical issues.
4. **Dashboard Development** (80 min): Teams design and develop interactive dashboards.



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5. **Submission and Evaluation** (30 min): Teams will submit their dashboards for evaluation during this period. The event team will collect and organize submissions for the judging panel, who will evaluate based on predefined criteria.

JUDGING CRITERIA:

A panel of judges, composed of industry experts and Stepcone organizers, carefully evaluate the web application on basis of user interactivity, design variability, usability, technicality and other criteria. The panel aims to acknowledge excellence in data visualization, user interaction, and overall innovation, ensuring a fair and comprehensive evaluation of the participants' work.