

Data Hackathon Rulebook - Comilla University IT FEST

Welcome to the Comilla University IT Society's Data Hackathon. This rulebook will guide you through the key details for project creation, submission processes, and how your work will be evaluated. By following these guidelines, you'll ensure a smooth and enjoyable competition for all.

Be sure to read through it carefully to help ensure a smooth and fair experience for all participants.

1. Overview of the Competition

Participants are tasked with analyzing a provided dataset and producing meaningful insights, visualizations, and an interactive dashboard. The challenge aims to test your data analytics skills using tools like Excel, SQL, Power BI, Tableau, R, Python, etc.

2. Project Creation Guidelines

1. Dataset Usage:

- Participants will receive the dataset via email after completing the registration process.
- Use only the provided dataset for your analysis. External data sources are not permitted.

2. Analysis:

Participants will receive a dataset and are responsible for conducting their own **analysis** without any predefined questions. The focus is on providing **insightful and meaningful information** derived from the dataset. Participants are expected to explore the data comprehensively and apply various analytical techniques to uncover valuable insights.

3. Tools for Analysis:

- You are allowed to use any of the following tools: Excel, SQL, Power BI, Tableau, R, and Python.
- Use appropriate tools based on the type of analysis you are conducting and ensure that your findings are well-structured and clear.

4. Interactive Dashboard Creation:

- Your final submission must include an interactive dashboard that effectively presents your findings.
- Make sure that your dashboard is easy to navigate, visually appealing, and clearly communicates key insights.

5. Video Presentation:

- Create a video presentation (face is not mandatory) and submit it on the submission link provided via email.
- If you use multiple tools then merge them and make a one-project file/one video file and then submit it.
- Presentation featuring audio/video in your voice explaining the insights and recommendations from the analysis. Ideal length of presentation is less than 5 minutes .

3. Project Submission Guidelines

1. Submission Format:

- The final submission must include two steps:
 - One interactive dashboard file in PDF format (or any appropriate format) that explains your analysis, insights, and approach.
 - A Presentation Video that you will submit in the submission link.
- If you use code (e.g., Python), submit the code files in a zip folder alongside your project file.

2. Submission Deadline:

- All projects must be submitted by the final deadline. Late submissions will not be considered.
- Make sure to double-check your submission for accuracy and completeness before the deadline.

3. File Naming Convention:

- Name your files as follows:
 - The file name for the individual: DataHackathon_YourName
 - The file name for the Group: DataHackathon_GroupName

4. Where to Submit:

- Submit your final project files via the designated [Submission Link](#).

4. Evaluation Criteria

Your submission will be evaluated based on the following criteria:

Evaluation Criteria	
Meaningful Insights	60%
Video Presentation	40%

1. Data Insights:

- Depth and relevance of insights extracted from the data.
- How well you understood the data and provided valuable conclusions.

2. Creativity & Completeness:

- Uniqueness in the approach to data analysis.
- How effectively you use the tools at your disposal to explore the dataset.

3. Technical Accuracy & Clarity of Visualization:

- Quality and clarity of the visualizations in your dashboard.
- Precision in data calculations and analysis.

4. Presentation:

- How well the project file is structured and explained.
- Clear and coherent storytelling through data.
- Additional presentation effort is a plus for gaining more numbers.

5. Rules & Code of Conduct

1. Original Work:

- All work must be original. Plagiarism or the use of unauthorized resources will lead to immediate disqualification.

2. Use of Provided Dataset:

- You must use only the dataset provided by the competition organizers. Merging with external datasets or altering the data is not allowed.

6. Important Deadlines

 Dataset Distribution: 10 November

 Project Submission Deadline: 14 November, 09:00 AM

 Winner Announced: 15 November

7. Participants may be disqualified if they:

- Submit the project file after the deadline.
- Engage in plagiarism or submit non-original work.
- Fail to follow the competition's rules and guidelines.

Wishing you all the best in the competition! Let's collaborate to innovate and push the boundaries of data analytics. We're excited to see the insights you'll uncover!