# AI Showdown

## Overview

The AI Showdown is a dynamic competition where participants delve into real-world datasets, applying their expertise to solve intricate problems. The challenge tests skills in data cleaning, exploratory data analysis, insight and pattern extraction, and predictive modeling. Participants are evaluated based on solution accuracy, model effectiveness, and their ability to communicate insights. The competition is designed to cater to participants of all levels, whether you are a newbie, a beginner, or a seasoned ML expert. The event not only offers winners valuable prizes but also recognition, making the challenge a dynamic platform for showcasing and advancing data science and machine learning expertise.

## Rounds

The competition consists of two rounds.

Round 1: Exploratory Data Analysis (EDA) and Modeling, Teams will be provided with a CSV file and teams have to perform EDA which have a deadline of 1-2 hours and should be done onsite. Next they have to apply ML models on that data, and have a deadline till 11:59 pm day 1.

Round 2: Modeling without Internet, Qualified teams will be provided with CSV but this time data will be refined and ready to apply models. Teams will have to apply models based on their knowledge and do it in 3 hours without internet access.

## Team Formation

Each team can have a maximum of 3 members.

## Rules

- Internet access will be allowed throughout the competition venue for round 1 only.
- Teams found using Chat GPT, Google Bard or any other websites (except during round 1) will be **disqualified.**
- Mobile usage is strictly **prohibited.**
- Collaborating with other groups in any sort of way will lead to **disqualification.**
- Equipment, other than provided, are **NOT** allowed during the competition.
- Decision of the Judges will be final.
- Submissions will be taken using [Kaggle](#).
- Edibles are **strictly prohibited** in the competition venue
- Any team will **disqualify** due to any of the reasons mentioned below
    - Plagiarism

- ○ Usage of internet during the competition (except during round 1)
- ○ Disturbance or misconduct with any invigilator or fellow competitors
- Intentional data manipulation, fabrication, misrepresentation, or plagiarism will lead to immediate **disqualification**.
- Unauthorized access to additional data sources or confidential information will result in **disqualification**.
- Teams are **required** to bring the laptops (with required software, i.e. Python, Jupyter Notebook, and DS/ML libraries installed) with them in the competition and venue will be communicated through the mail beforehand.
- Competition will be started on the stated time. All teams are expected to arrive on time or earlier to get a head start on instructions.
- The organizers reserve the right to modify the rules or competition parameters in the event of unforeseen challenges, technical difficulties, or circumstances beyond control. Any changes will be communicated promptly to all participants to ensure fairness and transparency.