



Docsumo DataVerse - AI and Data Science Competition

## Description

**Docsumo DataVerse** is one of the major competitive pre-events organized by LOCUS to grow Nepal's AI/Data Science community. This document outlines the requirements for any team wishing to expand its network and compete in the LOCUS 2023 Docsumo DataVerse Competition. The following rules have been written to be as unrestrictive to the design process as possible, while also balancing fairness to other competitors, platform usage, and event scheduling issues.

In this event, competitors must attend the orientation session on January 15, and each mentor is assigned to several teams. The team has one week to design the model and submit their predictions. The submission is evaluated, and a public leaderboard is constantly updated.

The prizes for the top three teams are:

Winning team gets Nrs 20,000 cash prize + \$250 DigitalOcean Credits

1st runner up team gets Nrs 10,000 cash prize + \$125 DigitalOcean Credits

2nd runner up team gets Nrs 5,000 cash prize + \$100 DigitalOcean Credits

## Competition Format

Participants will be working to solve a real-world challenge. The challenge is to produce an optimal machine learning model for the provided dataset and stated problem. The dataset is partitioned into train and test datasets. Competition scoring and ranking are based on two leaderboards: public and private. These two leaderboards are created by randomly splitting the test dataset. The public leaderboard is based on a subset of X% of observations in the test dataset you are submitting while the private leaderboard is based on 100% of the test dataset. The private leaderboard is only displayed after the competition ends. The winner is the team that performs the best on the private leaderboard.

## Competition Timeline

### Jan 15

- The participants have to attend the orientation of the online meeting on the Zoom platform at 10:00 AM.
- The problem statement and dataset are made available to participants.
- General mentorship will be provided to the participants present at the online meeting.
- The mentors in that program will inform the teams about the use of AI and Data Science in global and Nepali industries, and the organizing team will walk them through the submission process.
- The login credentials will be shared with you via email on the very same day which is compulsorily needed to submit solutions.

### Jan 15 - Jan 20

- The submission portal will be available for one week only which can be used for submission using the login credentials.
- There is a limit in the number of submissions(30) for any team, and only the best score submission is considered for an individual team's leaderboard.
- The leaderboard is updated in real-time.
- In the data insights category, the team must submit a data analysis report to the same portal and the judges will score the report to determine a winner team of the category.
- The submission portal will be closed by 11:59 PM on Jan 20.

### Jan 21

- The competitors must provide the organizing team with their well-documented source code and model.

## Jan 22 - Jan 23

- The organizing team will double-check the previously submitted solution and the output of the source code and model.
- If there is an alteration between solution and model output the team will be disqualified.

## Jan 25

- The winner will be announced via suitable online platforms like the Facebook page of DataVerse/Locus.

## Rules and Regulations

All the participants will abide by the rules aforementioned.

- A team can have a maximum of 2 members.
- One account per team is provided for submission in the platform as a credential.
- Each team has to submit the prediction or data insights on the designated platform.
- The submission after the deadline will be discarded.
- Source code and model with proper documentation have to be submitted to the organizing committee for cross verifying the prediction.
- Winners should submit the model at the end, so they will be responsible for storing the model with the best performance.

## Evaluation Criteria

- The model appraisal is based on the evaluation metric [F1- Score](#) with macro averaging.
- For data insights, the evaluation of multiple models and their reasonings are highly appreciated.
- The data insight report needs to be consistent and in understandable language.
- A number of charts and other graphical representations are preferable in data insights.

## Terms and Conditions

- The rights for the code and model will be vested to the dataset provider with proper credit to the team members.

- The team members will be responsible if they share their private credentials outside of the team or there are unnecessary activities from that team account.
- All taxes imposed on prizes are the winner's sole responsibility. Payments to prospective winners are contingent on submitting all documents needed by the Locus in order to comply with applicable state, federal, municipal, and foreign (including provincial) tax reporting and withholding laws. Prizes will be awarded net of any taxes required by law to be withheld by the Competition Sponsor.
- You agree that, unless prohibited by law, the Competition Sponsor, LOCUS, and its affiliates may use your name and likeness for advertising and promotional purposes without extra compensation.
- If the Competition is unable to run as planned due to any reason, including infection by computer virus, bugs, tampering, unauthorized intervention, fraud, technical failures, or any other cause that corrupts or affects the administration, security, fairness, integrity, or proper conduct of the Competition, the LOCUS reserves the right to cancel, terminate, modify, or suspend the Competition.
- The LOCUS reserves the right to hold void, suspend, cancel, or amend the Competition where it becomes reasonably necessary to do so.
- If a scenario develops that is not covered by the terms/rules of the competition, the organizing team will have the ability to make a final judgment.

Disclaimer: By logging in to the platform, participants agree on rules, terms and conditions.