



INTERUNI DATATHON

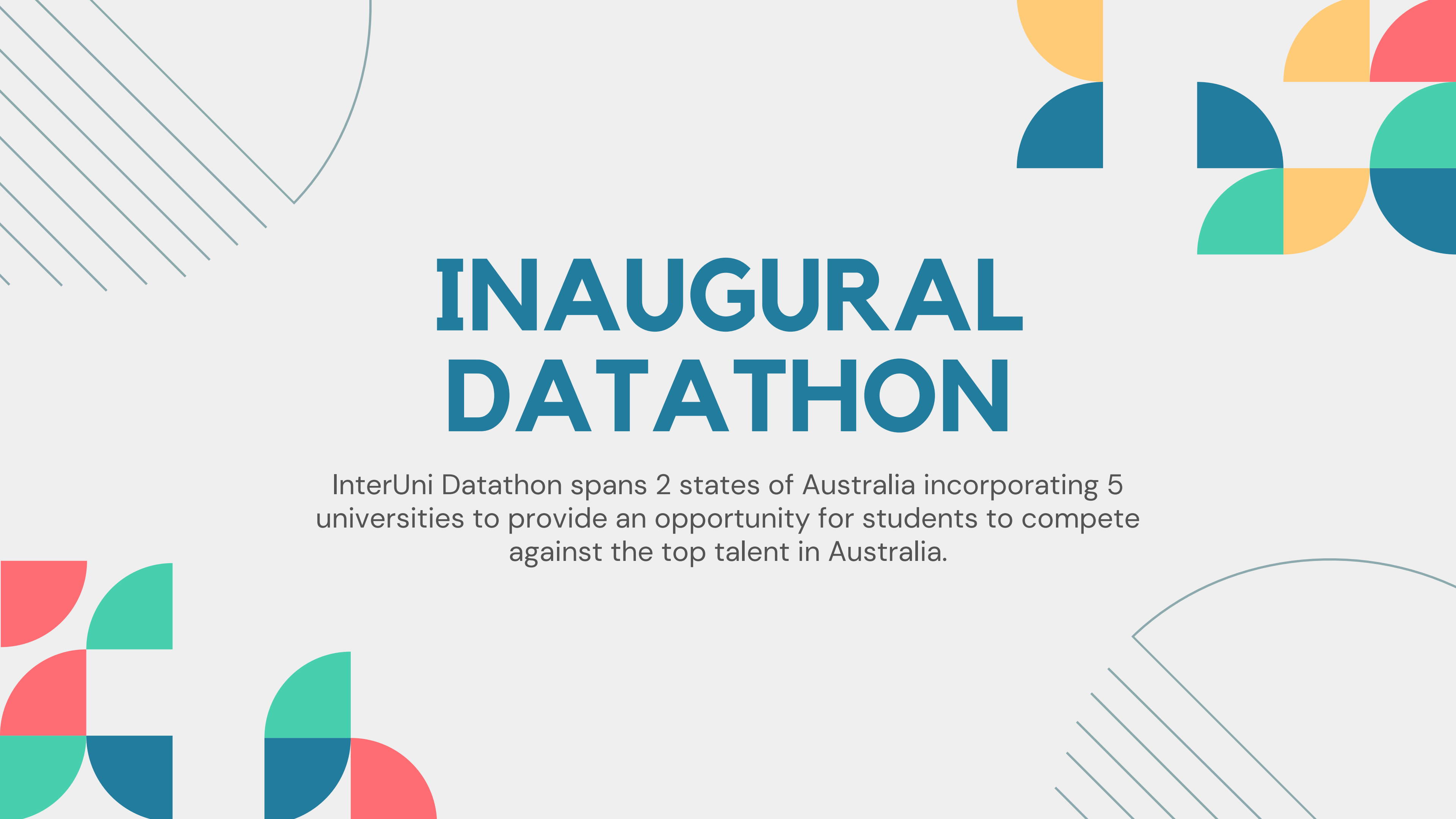
UOM x MACQUARIE x MONASH x
USYD x UNSW

ATTENDANCE



The background features four decorative geometric patterns in the corners. The top-left and bottom-right corners contain thin, light blue diagonal lines. The top-right and bottom-left corners contain clusters of semi-circles in teal, orange, and red. The text is centered in a bold, blue, sans-serif font.

ACKNOWLEDGEMENT OF COUNTRY



INAUGURAL DATATHON

InterUni Datathon spans 2 states of Australia incorporating 5 universities to provide an opportunity for students to compete against the top talent in Australia.

01 - INTRODUCTION

An introduction to the inaugural InterUni Datathon! The first time UNSW, USYD, Macquarie Uni, Uni Monash and Uni Melb has come together to create 1 datathon together.

02 - TIMELINE

A brief overview of the timeline for the 2 day event.

03 - CASE BRIEF

Reveal of the dataset that we will be working on for the next 2 days!



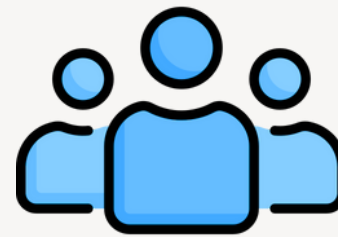
UNSW DATASOC

The UNSW Data Society (DataSoc), founded in 2017 alongside the Bachelor of Data Science and Decisions, is dedicated to helping students achieve their data science career goals. With a focus on career, social, and educational development, the society enriches the student experience while preparing members for success in the data science field.



FIRST

Data Society
Launched In Australia



4K+

Followers On
Facebook Community



LARGEST

Constituent Data
Science Society In
Australia



USYD

Sydney University Data Society (SUDATA) was founded in the beginning of 2020, serving as the leading student organisation for those passionate about data science. We strive to provide students with valuable career opportunities and industry connections, enhancing their academic, social and professional journey at the University of Sydney.



**Winner of the 2023 Dave Burnett Award for
Most Successful Large Society**



1.3K+
followers



1.5K+
subscribers



1.8K+
followers



1.3K+
members

SUDATA
SYDNEY UNIVERSITY DATA SOCIETY

UNI MELB DSCUBED

Data Science Student Society (DScubed) was established in 2021, for 3 consecutive years serving as the leading data science student organisation. We strive to provide a home for students who are passionate about machine learning and artificial intelligence that valuable career opportunities and provide industry connections, enhancing their academic, social and professional journey at the University of Melbourne.



400+

**Active Club
Members**



6800+

**DATA SCIENCE
AUDIENCE
REACHED**



1000

**VIEWS PER
POST**



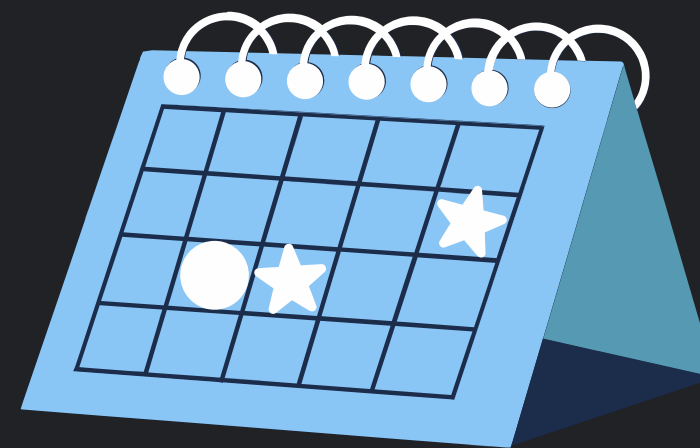
MACQUARIE UNI MACS

The Macquarie Association of Computing Students (**MACS**) is a student run association founded in 2017 by computing students, for computing students. Our aim is to help Macquarie University Computing and Engineering students up-skill and improve their career prospects through networking, workshops, hackathons, and other events.

Our current member base consists of 6,000+ student and staff members across the university and supporting a large social platform on Discord for our members to communicate with each other.



6000+
Member
society



10+
Events/Year with
Major Participation

MACS

MONASH UNI (MDSS)

Since 2016, MDSS has been the premier association at Monash University, bridging the gap between theory and real-world application. Each year, over 500 new members join us as we build strong connections between students, industry leaders, and academic experts.

At Monash Data Science Society (MDSS), our core values of Community, Professionalism, and Diversity guide everything we do. With a growing social media presence, we engage a diverse network of students and professionals, promoting events that connect and foster collaboration.



33,600+
Post Reach
104% YoY growth



3600+
Social Media Reach
84% YoY growth

TIMELINE DAY 1

14th September

Downtime

Participants now have time to begin working on their project and network with sponsors and uni execs.

Lunch

There will be catering!

Independent Work

Participants will work on their project.

10:30

Introduction

Unis and sponsors will introduce themselves to participants. Participants are introduced to question and dataset.

11:00

11:30

Workshop

Workshop 1 : Monash

12:30

2:30

Workshop

Workshop 2: Presentations/Technical explanations. At least one participant from each team must be present

3:30

4:30

Wrap-up

Participants will wrap up and clean up their stations. They will be briefed about expectations for day 2.

TIMELINE DAY 2

15th September

Final Heats

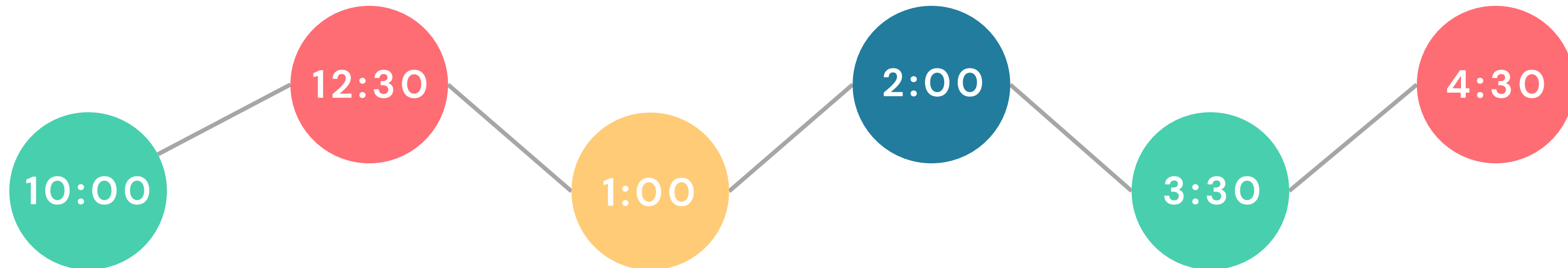
Each of the six teams chosen will have 4 minutes to present and then judges will have two minutes for questions

Photos!

Linkedin photos!

Lunch

Lunch break, catering is provided!



10:00

12:30

1:00

2:00

3:30

4:30

Workshop

Workshop 3: USYD (storytelling)

The Culling

Submission deadline for both Kaggle and Slide Deck

Prizes

Top 2 teams will be awarded big prizes, one for the best presentation, and one for the best model.



EXPECTATIONS

1.

Advanced machine learning algorithms is not required

2.

Use workshops and complete analysis of data

3.

Avoid using AI. If AI is used, make sure it is applied in a creative and innovative way.

4.

Ensure originality in all work.



HOW TO SUBMIT USING KAGGLE

Make sure you have already joined the competition.



The screenshot shows the Kaggle competition page for 'Inter-Uni Datathon'. A red arrow points to the 'Join Competition' button, which is circled in red. Below the button, the word 'Datathon' is handwritten in grey. The page header includes a search bar and the competition title 'OLIVER WING LOK CHAN · COMMUNITY PREDICTION COMPETITION · PRIVATE · 2 DAYS TO GO'. The main title 'Inter-Uni Datathon' is followed by a description: 'Analyze financial data to detect fraudulent activities and develop innovative solutions in a collaborative university competition'. A navigation bar includes links for Overview, Data, Code, Models, Discussion, Leaderboard, and Rules. The 'Overview' section is active, showing the competition title 'Inter-University Datathon 2024: Financial Fraud Detection' and an introduction paragraph. On the right, a sidebar provides details about the competition host, prizes, and participation.

Search

OLIVER WING LOK CHAN · COMMUNITY PREDICTION COMPETITION · PRIVATE · 2 DAYS TO GO

Inter-Uni Datathon

Analyze financial data to detect fraudulent activities and develop innovative solutions in a collaborative university competition

Overview Data Code Models Discussion Leaderboard Rules

Overview

Inter-University Datathon 2024: Financial Fraud Detection

Introduction

Welcome to the Inter-University Datathon 2024, a collaborative competition hosted by leading universities across Australia, including the University of Melbourne, University of Sydney, Monash University, University of New South Wales, and Macquarie University.

In this datathon, participants will analyze financial transaction data to detect fraudulent activities. The dataset, provided by a major Melbourne-based bank, includes anonymized transaction records, customer demographics, and socio-economic indicators. Participants will apply their data science skills to uncover patterns and anomalies indicative of financial fraud.

Competition Host

Oliver Wing Lok Chan

Prizes & Awards

Kudos
Does not award Points or Medals

Participation

2 Entrants
1 Participants
1 Teams
2 Submissions

MAKE SURE TO ADD YOUR TEAM NAME AND MEMBERS

SAVE CHANGES

Overview Data Code Models Discussion Leaderboard ~~Rules~~ **Team** Submissions

Your Team

Everyone that competes in a Competition does so as a team - even if you're competing by yourself. [Learn more.](#)

General

TEAM NAME

BattleRoyal

This name will appear on your team's leaderboard position.

Send Invitation

You can invite 4 more people to join your team. They will need to have joined the competition.



Search for the team name

Received Invitations

You haven't received invitations from other teams.

Save Changes

HOW TO SUBMIT USING KAGGLE

Click the submit prediction button.
Make sure to read Evaluation section

The screenshot shows the Kaggle website interface for the 'Inter-Uni Datathon' competition. The left sidebar contains navigation links: Home, Competitions (selected), Datasets, Models, Code, Discussions, Learn, More, Your Work, and a list of viewed competitions. The main content area has a search bar and tabs for Overview, Data, Code, Models, Discussion, Leaderboard, Rules, Team, and Submissions. The 'Overview' tab is active, displaying the competition title, a brief description, and a 'Submit Prediction' button. A red circle highlights the 'Submit Prediction' button and the 'Submissions' tab. A red arrow points to the 'Submit Prediction' button. Another red arrow points to the 'Evaluation' section. The 'Evaluation' section includes a 'Submission File' section with instructions on how to format the submission file (CSV format with columns TransactionID and Fraud) and a 'Submission Limits' section.

Inter-Uni Datathon

Overview Data Code Models Discussion Leaderboard Rules Team Submissions

correct detection of fraudulent transactions while minimizing false positives.

Good luck, and we look forward to seeing your innovative solutions!

Evaluation

Submission File

For each `TransactionID` in the test set, you must predict a binary value (1 or 0) for the `Fraud` variable:

- 1 indicates that the transaction is fraudulent.
- 0 indicates that the transaction is legitimate.

Your submission file should be in CSV format and include two columns: `TransactionID` and `Fraud`.

The file should follow this format:

```
TransactionID,Fraud
1001,1
1002,0
1003,0
etc.
```

- **TransactionID**: The unique identifier for each transaction in the test set.
- **Fraud**: The predicted label, where 1 indicates fraud and 0 indicates no fraud.

Submission Limits

Participants are allowed up to 5 submissions per day. Only your best submission, based on the accuracy score, will be considered for the leaderboard. The leaderboard will be updated in real-time to reflect your highest-performing

Table of Contents

- Overview
- Description
- Evaluation


HOW TO SUBMIT USING KAGGLE

×

Submit to Competition


File Upload

Notebook



Inter-Uni Datathon

You have 10 submissions remaining today. This resets in 10 hours.



Drag and drop file to upload

(e.g., .csv, .parquet, .zip, .gz, .7z, .tar)

or

Browse Files

Your submission should be a CSV or Parquet file with 7312 rows and a header. You can upload a zip/gz/7z/tar archive.


SUBMISSION DESCRIPTION


Enter a description

0 / 500

SUBMIT USING THE KAGGLE API

>_ kaggle competitions submit -c inter-uni-datathonn -f submission...





Cancel

Submit

Choose to submit your entry by uploading the file or using the kaggle API or by creating a notebook

You have a LIMIT of 10 SUBMISSIONS Per day

DO NOT submit your notebook/presentation files here

Submit it in the given Google Drive Link



JOIN THE DISCORD!





DATASET CASE BRIEF REVEAL

ATTENDANCE

(If you forgot!)

