

# 2023/2024 Errors Hackathon - Committee Information Sheet

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## Important Information

- Date of Event: 19/10/2024 - Saturday
- Expected Time: 11:00 AM - 3:30 PM
- Location: TBC
- Participants
  - Required Equipment: Laptop + Charger
  - Required Software: None (Python + Anaconda is optional -> can use google colab instead)
- Committee
  - Required Equipment:
    - Laptop + charger
    - Paper + pen = for creating group numbers to place on desks
    - Box of chocolate = for winners
  - Required Software: None
- Lunch / Snacks / Drinks will **NOT** be provided

## Tutorial Information

- Tutorial will explain basics about the "pandas" library in python
- A small amount of pre-requisite knowledge of python is required (e.g. basic data types, loops, if statements)
- Tutorial will be 1.5 hour long
- Can be done either on local machine or on Google Colab
- Tutorial will be done by Kiminao Usami

## Hackathon Information

- Participants will be given the following task:
  - Given 7 datasets, participants will be asked to find anomalies in the data
  - Participants will fill out a Google Docs and/or Microsoft Word Document with their answers
- Participants will be given 1 hour to complete the task
- Participants can use any resources they want (internet, books, etc.)
- Participants can work in groups of 3-4
- Participants will be required to submit their answers via Google Forms (link will be provided)
  - Group number + file upload required

## General Timeline

Time	Activity
10:30 AM	<i>Committee arrives + setup</i>
11:00 AM	<i>Participants arrive + registration</i>

Time	Activity
11:15 AM	Start Tutorial
12:45 AM	Lunch Break
01:45 PM	Explanation of Hackathon
02:00 PM	Start Hackathon
03:00 PM	End of Hackathon + <i>Committee</i> starts marking
03:15 PM	Announcement of Winners (top 3)
03:30 PM	End of Event + <i>Committee</i> cleans up
04:00 PM	<i>Committee</i> leaves

## Committee activities

- Registration : using Google Forms sheet to register participants (To Be Made)
  - Ask for Name + members you want in group
- Group Formation : forming groups of 3-4 participants based on their preferences - Manual? - could make a simple automated script?
  - Done during lunch break
  - streamlining process - assign number to each group + change the layout of classrooms to match the group size
  - Assign a number to each desk
- Marking answers of participants
  - Done after end of Hackathon

## TODO Before Event

- ☐ Create Google Forms for registration
- ☐ Create Google Forms for answer submission
- ☐ Create automated script for group formation? - I feel like Manual assignment shouldn't be too hard
- ☐ Buy small box of chocolates for winners

## Committee Members Attending

- Kiminao Usami - Explaining Tutorial