

## The Boyd Orr Burndown Conspiracy

The Brief:

*Remember remember, the 5th of November,  
Gunpowder, treason, and a thousand fireworks in the Boyd Orr building*

Security at the University of Glasgow have received an anonymous tip which alerted them of a sinister plot to set off 1000 fireworks in the Boyd Orr Building.... this bonfire night!

The security team were fast at work, and collected security log data of student activity from the day prior, desperate to analyse and spot anything that looked out of place! The security officers also interviewed a sample of the students to hear exactly what they were doing the day before, to ensure no suspicious behaviour was going on!

The security team heard rumours that there are six students who are conspirators with some data irregularities. Amongst these six students there is a seventh mastermind who met with all conspirators at one point in the day, but whose data looks clean.

Trying to correlate their logs and statements together is the point at which campus security's investigation began to falter. The data is hard to work with given its multiple sources and unintuitive formats. The campus security team needs a way to visualise their data clearly, ideally in ways that could help highlight inconsistencies.

The security team have hired expert groups at the GUTS hackathon (that's you!!) to find a way to turn the gross CSV files into much prettier representations of data (**this is the key part to win the challenge**)! As well as this, finding any suspicious students by analysing the data or looking through the student testimony statements will help protect the Boyd Orr in it's time of need!

### The Task:

Visualise this data in the most creative ways possible. There are several things your team could choose to focus on: Location data, timeline data or people data (or a mix of them!). Feel free to focus on just one dataset in particular. Use these visualisations to conclude who the conspirators are, and who the kingpin of the operation might be!

**Important:** The bulk of points will be awarded for visualisation solutions, not actually solving the case. Finding some accomplices through a generalisable and visually appealing solution will score higher than those who solve the case in its entirety without attempting any visualisation methods.

While we have a specific mastermind and suspicious set of individuals in mind, other strange data we haven't considered may still be present. Points will still be awarded if such inconsistencies are discovered and explained well. Essentially, give us your best pitch about why someone stands out!

Game Logic:

- Students attend their mandatory lectures once during the day
- Students do not have out of hours access to buildings
- The ring leader does not have anything inconsistent about their day. They have an air tight alibi, with the exception that they have met with fellow conspirators.

**Good luck!**

**Subjects in the dataset:**

Philosophy, Veterinary Medicine, Biomechanical Engineering, Medicine, Computer Science, English Lit, Mathematics, Physics, Chemistry, Education

**Societies in the dataset:**

Bad Movie Society, Glasgow Students' Nightline, Accapella Society, Astrology Society, Astronomy Society, Big Band Society, Back to Yoga Society, Brunei Society, Clash Of Clans Society, Esports Society, Cymdeithas Cymry Glasgow, Dr Who Society, FemEng Society, Extinction Rebellion, Grim Reaper Quidditch Club, Italian Society, Juggling Society, Glasgow Latin America Society, Volleyball Society, LGBTQ+ Students Assoication, Marxist Society, Minecraft Society, Motorcycling Society, pHd Society, Philosophy Society, Pole Dancing Club, Sexpression, Shrek Society, Soup Society, Rising Stars, Glasgow Uni Tech Society, Skate Society