





Venue

Level 1 (Ground floor), Building H, Monash University, Caulfield Campus 900 Dandenong Rd, Caulfield East VIC 3145

As the venue is near Caulfield Station, the best way of getting there is by train. The Google Maps link to this venue is: https://goo.gl/maps/WUtKfrfu3em

If you require parking, there is a multi-level car park on the campus at Caulfield (\$18.50 per day). There is also metered street parking available along Sir John Monash Drive.

Key datathon activities

6:00PM Tuesday – Dataset release & CODING STARTS

Datathon rules are introduced, the dataset is released and the Datathon officially begins. Please note that you can aim to win multiple prizes.

7:30PM to 9:00PM Saturday – Exploration tutorial

We'll be giving a tutorial on exploring the dataset.

9.00AM to 10:00AM Saturday – Meet the sponsors and careers discussions
Our sponsors will be coming down to talk about industry and career opportunities related to data science.

10.00AM to 11:00AM Saturday – Visualisation tutorial

We'll be giving a tutorial on creating visualisations.

11.00AM to 12:00PM Saturday - Modelling tutorial

We'll be giving tutorials on creating predictive models.

3:00PM to 4.30PM Saturday – Mentoring session (early help and validation)

Minimum of one member must attend to be eligible for prizes

Get early help from mentors to develop ideas or to help you choose the right tools. We've created this session so you can get some early validation about your idea, assist with problems you're having trouble with, or, to help you select the appropriate tools to get the job done.

10.00AM to 11:30AM Sunday – Mentoring session (fine tune pitches and final product)

Minimum of one member must attend to be eligible for prizes

Minimum of one member from your team must attend. Test your pitch to mentors so you pitch better during judging, or solve some last-minute problems via consulation.

12:00PM Sunday – CODING ENDS & projects submitted

We require all teams to submit a short slide deck of their projects. The slide deck at a minimum should contain a title a description about the project as well as a screenshot of the project. On the first page of the presentation, please include your team member names and email. Please email your slide deck to club.mdss@monsu.org with the filename as <YOUR_TEAM_NAME>.pdf.

1:00PM to 3:30PM Sunday – Expo and judging

50% of team must attend to be eligible for prizes

We'll set-up a science-fair setting where you can present your projects openly to judges, sponsors, competitors and other members of the public.

4:30~5:00PM onwards - Closing ceremony

How do I message the organisers or get announcements during the day?

We have a slack channel where we post announcements and answer competitor questions: http://tinyurl.com/quantifyslack

How do I access the competition dataset?

The competition dataset and sample analysis snippets are found here: http://tinyurl.com/quantifydataset

It's my first datathon, how do I get started?

The competition dataset and sample analysis snippets are found here: http://tinyurl.com/quantifygettingstarted

Full schedule

Tuesday 26 September

	release
7:00 - 7:30 pm	Pizza
7:30 pm - 9:00 pm	Data exploration tutorial / demonstration
Saturday 30 September	
7:00am - 9.00am	Staff: Preparation
9:00am-9.30am	Registration
9:00am-10:00am	Welcome and competitor briefing
9:00am - 10:30am	Meet the sponsors / careers discussions
10:00am - 11:00am	Visualisation tutorial
11:00am - 12:00pm	Modelling tutorial
12:30pm-1:30pm	Lunch
1.00pm-1.30pm	Team registration & collection of preferred mentors
3:00pm-4:30pm	Mentoring sessions
7:00pm-8:00pm	Dinner
8:00 PM	Venue closure for the day
Sunday 1 October	
8.00am-9.00am	Breakfast
8.30am-9.00am	Collection of preferred mentors
10.00am-11.30am	Mentoring sessions
12:00pm-1:00pm	Lunch
12.45pm-1.00pm	Competitors set up for expo
12.30pm-1:00pm	Judges Briefing
1:00pm-3:30pm	Expo and Judging
3:30pm-4:30pm	Judge deliberation
4:30pm-5:30pm	Closing Ceremony
	 Top 3 Best Presentation pitches – The top three scoring teams for Best Presentation will be asked to present on stage. Best Presentation award – Winning team is awarded the Best Presentation award Top 2 Best Model pitches – The top two scoring teams for Best Model

- 4. Best Model award Winning team is awarded the Best Model award
- Top 2 Best Visualisation pitches The top two scoring teams for Best Visualisation will be asked to present their visualisation on stage.
- Best Visualisation award Winning team is awarded the Best Visualisation award.

Judging process and criteria

1. How is Quantify judged?

In order to decide the winner of the hackathon, Quantify has asked 5 well-respected members of the industry to judge all entries.

Quantify adopts a 'science fair' format of judging, where judges will visit each team to view their submissions. This allows each judge to get a close look at all the entries. It also gives a judge more time to ask questions.

The panel will be broken into groups of two or three, and will be clearly identified by their Judge badge.

2. Time with judges

Please make sure that you've submitted a slide deck about your project before judging. This is due on Sunday, 12PM. The slide deck at a minimum should contain a title a description about the project as well as a screenshot of the project. On the first page of the presentation, please include your team member names and email. Please email your slide deck to club.mdss@monsu.org with the filename as <YOUR_TEAM_NAME>.pdf.

In order to ensure that all teams are seen by the judging panel members, each team will 2 minutes to pitch with each group of judges, and they will have a timekeeper to ensure they keep within that limit.

The judges will then be given some time to look over your code, ask questions and make general comments about your project. Be ready to answer some questions at that point.

3. Judging criteria

Here is the judging criteria for the awards:

Best Visualisation Award

Originality and creativity → 25%

How creative is the design?

How unique is the design?

How engaging is the design?

Narrative visualisation \rightarrow 50%

Does the visualization solve the business problem defined by the team?

Is the design good quality?

Has proper context been provided?

Is the visualization appropriate for the intended audience?

Have data sources been referenced correctly?

Can interesting insights be obtained from the visualization?

Technical implementation \rightarrow 25%

Was more than one data set combined?

How well was the data explored?

What tools were used to create the visualization?

What is the quality of the coding?

Best Model Award

Insights \rightarrow 25%

Does the model solve the business problem defined by the team? Does the model present interesting insights? ore?

Practical applications → 25%

Is the model scalable to the real world?

How accurate is the model?

Technical implementation or Complexity \rightarrow 50%

Was more than one data set combined?

How well was the data explored?

What tools were used to create the visualization?

What is the quality of the coding?

How complex are the mathematics used for the model?

Are the team members able to explain the mathematics?

Best Presentation Award



Quality: Confidence, speed, voice

Content: Completeness, appropriate level, engaging

Kept under 3 minutes

Visual presentation → 50%

Quality: Legibility, design, images

Presentation submitted on time (Before 2pm Sunday 1st October)

Logical structure

Emergency contacts

Organisers

Joseph Kang 0433549123

Rayen Magpantay 0466590606

Joseph Roccisano 0488569921

Hospital

St Vincent's Hospital 41 Victoria Parade, Fitzroy VIC 3065 (03) 9231 2211 svhm.org.au

Police Station

Melbourne East Police Station 226 Flinders Ln, Melbourne VIC 3000 (03) 9637 110

Other Emergency Contacts

Police, Ambulance, Fire Brigade (24 hour) 000

State Emergency Service (24 hour) 132 500

Nurse On Call (24 hour) 1300 606 024

Lifeline (24 hour) 131 114

Victorian Poisons Information Centre 1800 240 667

Sexual Assault Crisis Line (24 hour) 1800 806 292

Quantify is proudly sponsored by...





