



Hackcity 2022

Participants Guidebook

Welcome to Hackacity 2022!

Hello, you.

First of all, welcome to Hackacity 2022!

Hackacity is a one-of-a-kind hackathon that explores the potential of city data to develop solutions that will impact the community. There were already 4 previous editions in Porto. The last one was in 2019.

The event is almost here so it's time to get you ready!

We compiled all the relevant information in this guidebook. Read it carefully and, in case you have any questions, write us at hi@hackacity.eu

The Hackacity Team

This edition in numbers

27 Teams

115 Participants

15 Mentors

5 Jury members

Hackacity Rules

Here are some major rules to make this event an unforgettable experience. **You can check all the others [on our Rulebook](#).**

- **The event starts at 08h30, all the teams should arrive at the venue before 08h15.** Any exception to this rule should be communicated and approved by the organizing team before the event.
- Hackacity was thought and planned as an immersive experience. **All the participants should remain at the venue during the event. The non-compliance with this rule could result in the team disqualification.** Any particular case should be communicated and approved by the organizing team before or during the event.
- Last but not least, let's have lots of fun and be kind and respectful to each other.

Agenda Breakdown 1/2

September 9, 2022

8:00 Arrival & Check-in

8:30 Opening Session

8:50 Challenge Announcement & Tips

The access to data will be made available during this session. You'll also get some tips on how to approach this challenge.

9:00 Ready, Data, Go!

Time to start working. The mentors will be present during the morning in case you need to make some questions.

12:30 Lunch

The lunch will be self-service.

17:00 Finalists Selection

The intermediate jury (mentors) will evaluate each solution to select the 10 finalists.



Agenda Breakdown 2/2

September 9, 2022

18:00 Deliverables Submission

The deliverables must be sent to the Hackacity team. It's time to close the PC and take a break!

18:15 Final Presentations

Each finalist team will be called to the stage and have 5 minutes to present and 4 minutes to Q&A.

20:05 Jury Deliberation & Networking

While the jury deliberates, it's time to relax, check the coffee-station and do some network.

20:30 Winners Announcement & Closing

Drums will roll and we will announce the winners of Hackacity 2022!

20:50 Cocktail

Join us for the final cocktail, in "Tribuna VIP" balcony, with the organisers, mentors, jury and participants.



Location: Estádio do Dragão

Hackacity 2022 will take place at Estádio do Dragão - “Tribuna VIP”. The entrance will be made through Door 2 (“Porta 2”).

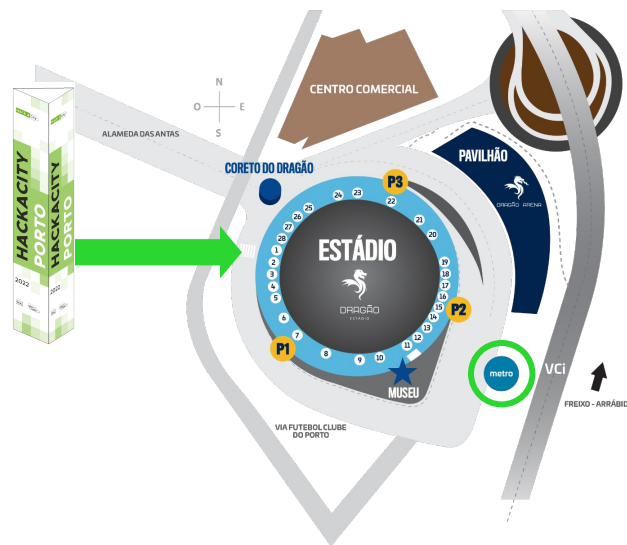
Estádio do Dragão Location

Recommended route: Take Porto’s metro and stop at “Estádio do Dragão” (Lines A, B e F). [You can plan your journey here.](#)

💡 Check the location of the door and the metro station in this map.

If you are thinking of coming by car, it shouldn't be hard to find parking spots around the venue.

💡 Check Alameda Shopping Parking



Official communication tool

All the official communications in the days before and during the event will be made on **Hackacity's Slack**. We invite you to join as soon as possible so you don't miss a thing.

Feel free to use Slack as the communication tool with your team, mentors or the organization team and to share files during the event.

These are the official channels handled by the event organization:

#general - All the general messages related to the event.

#announcements - Keep an eye for the announcements during the event.

#whoami - The place to meet everyone at the event. Feel free to introduce yourself.

#random - This is the place for fun, networking, and all sorts of random things.

We invite you to join this Slack **before September 7** and download the app to the device you'll bring to the event.



Join Slack

The Challenge

Creating insights to understand the impact of Tourism in Porto

As a topic for this year's Hackacity, Porto wants to focus on the creation of new indicators and visualisation for the Tourism scene in the city.

Goal: We'll challenge you to create an indicator, or several indicators, that measure(s) the city's Tourism dynamism.

Together with this Guidebook you should have received a document with the challenge description. Use it to research and prepare some questions you might have.

The access to datasets will be made available on September 9, at 08h45, during the Challenge Announcement & Tips.

AMA online session

You'll have the opportunity to ask questions during the Ask Me Anything (AMA) online session on September 7, at 18:00.

A recording will be made available after the session and the link shared on Slack (#announcements).



João Bastos - Moderator

Paulo Calçada - Porto Digital

Bruno Jardim - NOVA Cidade

Jorge Alas - CMP - Tourism and Internationalisation

[Access AMA Session](#)



Deliverables

- Your team must deliver the slide deck with the **presentation and the produced code/jupyter notebooks by 18:00.**
- **Presentations** should be in **.pptx or PDF format.**
- **Produced code/jupyter notebooks** should be sent in a **.ZIP folder.**
- Deliverables should be sent to hi@hackacity.eu
- **Make sure your team send the deliverables on time.** Any delay could result in disqualification.

Evaluation Process

- Only the best 10 teams will have the opportunity to present their work on the stage.
- The pre-selection process will be done by the intermediate jury.
- The pre-selection will occur between 17:00 and 18:00.
- The teams will be evaluated through a short pitch and a Q&A. The duration of this pitch will be announced on the Opening Session.
- The finalists will have 5 minutes to present and 4 minutes to Q&A.



Evaluation Criteria 1/2

Intermediate Evaluation

- The team understood correctly the problem
- The team provided a scientific background for the solution
- The team provided good feedback in terms of improvements to the data provided by the city or in terms of new data sources
- The team created a creative indicator that is scientifically correct
- The team did an extensive feasibility study on the predictability of the indicator

Evaluation Criteria 2/2

Final Evaluation

- The team understood correctly the problem
- The team provided a scientific background for the solution
- The proposed indicator is easy to understand and use
- The proposed indicator helps the city of Porto (if all datasets would be collected)
- The team provided good feedback in terms of improvements to the data provided by the city or in terms of new data sources
- The team created a creative indicator that is scientifically correct
- The team did an extensive feasibility study on the predictability of the indicator
- The team communicated the solution well

Hack some Prizes

We have great news! Hackacity's main goal is to generate solutions of interest to the city of Porto. As such, **the initially planned prizes were increased, and an additional prize was created (the Data Quality Award)**. Because in Porto it is our understanding that greater challenges mean greater recognition.

The **Data Quality Award is a recognition for the team contributing the most to city data improvement**. This is an extra award, accumulating with any other prize.

FIRST PLACE

~~2.500 Euros~~

3.000 Euros

SECOND PLACE

~~1.500 Euros~~

2.000 Euros

THIRD Place

~~750 Euros~~

1.000 Euros

DATA QUALITY AWARD

New prize

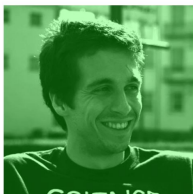
1.000 Euros

* All prizes are awarded in gift cards (Amazon ES, Cartão Dá or FNAC)

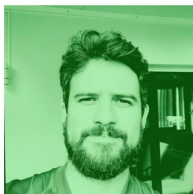
Mentoring Format

- During the event, **your team will have access to 2 of these mentors.**
- You should contact them via Slack or in-person.
- The mentoring session should be on the team's table.
- The mentors will also act as intermediate jury. However, mentors can not evaluate their own teams.
- Mentors are one of the key roles on this kind of events. **Don't underestimate the power of a good discussion and don't hesitate to approach them or ask for their help.** But, do not forget, they are not participants, so they will not/should not give you the direct answer!

Meet the mentors



Carlos Gomes
Independent
Contractor



Diego Esteves
Head of Data Science
at OLX Group



Evgheni Polisciuc
Guest Professor at
Universidade de
Coimbra



Filipa Ferraz
Data Team Manager at
Fujitsu & Researcher
/ Invited Assistant
Professor at UMinho



Helena Miranda
Data Scientist at
Nestlé Nespresso
Global Operations
Center



João Tiago Ascensão
Senior Director of
Research at Feedzai



Miguel Almeida
Senior Data Scientist
@ Daltix



Nélida Branco
Data Scientist at
Fidelidade



Pedro Chaves
Director of Data
Science at Select
Data



Raquel Carvalho
Director, Partner
Development @
NielsenIQ



Raquel Sebastião
Researcher at IEETA –
UA



Ricardo Vitorino
Head of R&I for Smart
Cities



Rita Ribeiro
Assistant Professor
at Department of
Computer Science –
FCUP



Tiago Otto Rodrigues
Data Science Manager
at Farfetch



Vitória Albuquerque
Researcher / Data
Scientist @ MagIC

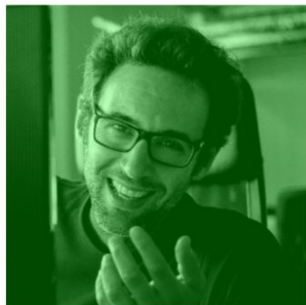
Meet the jury

Meet Hackacity final jury. The final jury will evaluate the final presentations and pick the winners.



Bruno Jardim

Data Scientist
at NOVA Cidade



Daniel Moura

Principal Data
Scientist at
Nexar



Inês Dutra

Assistant
Professor of the
Department of
Computer Science
at FCUP



Paulo Calçada

CEO and Board
Member at Porto
Digital



Teresa Stanislau

Board Member at
STCP Services

Cool Companies

These are some of the companies that allowed their collaborators to participate in Hackacity during a work day:

IMAGINARYCLOUD 


FARFETCH

Continental 

 **MC**
Sonae


Advanced Analytics &
Business Consultancy

FUJITSU

Community Partners

The following technical communities helped us communicate and promote Hackacity. Feel free to reach them if you feel like joining a data science community.



Contact the Hackacity Team

If you need to reach us, please write us at hi@hackacity.eu or send a private message on Hackacity's Slack.

Let's do this! Good luck!

AN INITIATIVE



COORDINATED BY



STRATEGIC PARTNER

