

## Workshop: Building Data Science Collaborations between the UK and Brazil

Date: 25/November/2021

### Topics

- Computational Social Science
- Natural Language Processing (NLP)
- Artificial Intelligence
- Machine Learning
- Data Science Workflows
- Data Engineering / Cloud engineering

### Targeted audience

Any researchers based in academic institutions in the UK and in Brazil with an interest in establishing **research collaborations** in any of the topics listed above or related. You do not need to have any current connections or research agreements before joining the workshop.

We encourage you to apply even if you come from other domains (e.g.: politics, economics, psychology) and do not already use any Data Science or Machine Learning tools in your current work but would like to develop a collaboration with people with complementary skills to yours.

### The Workshop

Researchers will be grouped according to their informed topics of interests, and a facilitator will conduct a **structured brainstorming session** aimed at proposing small research projects to be developed by the participants in the coming months, either as undergraduate/MSc projects supervised by the participants, or even conducted independently by the participants. These discussions might also lead to grant proposals in the future.

In a sense, this workshop will also be **an experiment**. We will run an adapted version of the [Lean Inception](#) methodology, a technique used to plan software products, to brainstorm projects adequate to the needs of an academic research environment in which the participants are involved.

### The Programme

1. **First Session – 1pm – 2pm UK time | 10am – 11am BR time:** What is an ‘agile project’ and what is the Lean Inception methodology. Introduction to the concept of Minimum Viable Products (MVP) and other related concepts largely used in the software industry. An explanation and proposal of how these concepts could be applied to an academic research project. How to develop a research programme and motivating grants.
2. **Second session – 2pm – 5pm UK time | 11 am – 2pm BR time:** Hands-on collaborative structured brainstorming session using [Miro boards](#) in groups, answering the following question: “What would an exciting research MVP, matching the skills and interests of participants, look like?”. The goal will be to come up with multiple possible projects and rank them in order of interest.

## Expected outcomes

1. Connect researchers based in the UK and in Brazil who have not been in a research collaboration before.
2. A document listing the short project proposals written during the workshop. This will be circulated after the event to encourage further collaboration links.
3. Establish research collaborations (UK-BR) to be conducted over the next academic year.
4. Identify overarching goals and establish plans for collaboration in grant proposals.
5. We will also conduct short surveys 6 and 12 months after the event, to assess the impact of the workshop methodology in enabling new research collaborations, and to collect feedback for future sessions.

## Contact

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