

# The Alan Turing Institute

---

## Overview of Data Study Group PI

---

### Who

An early career researcher, or post-doc, or in some cases an exceptionally good final year PhD student coupled with a more senior academic. This is aimed at researchers based at the partner universities interested in industrial collaboration, who may not have had the opportunity to do this yet.

---

### What

To liaise with a Challenge Owner (research problem owner) to scope and prepare a challenge for the Data Study Group (DSG). To facilitate the research direction of the overall project. Ethics. To ensure the final report is of quality. Potential follow on work.

---

### Benefits to the academic:

- Acquire further project management skills
- Fine tune their ability to convert commercial ideas into research projects, and vice versa
- Fine tune their ability to generate multiple research projects from loosely defined questions
- Learn about research areas of interest to them that may be relevant for the challenge at hand, but that they have not yet had the chance to explore
- Find out how research areas of interest to them can actually be used to generate real world impact
- Learn to work at the cross section of industry and academic (a territory of interest to many!)
- Grow their scientific and industrial network

- Learn to identify and shape collaborative opportunities
- Help foster relationships between the Turing, your university and industry (these may develop into programme collaborations or even strategic partnerships)
- Help shape and lead any potential follow up projects (e.g., paper, internship, etc)

---

### Why

There are too many Challenge Owners that need dedicated academic support to prepare their challenge for a DSG than what the DSG team core can provide. This is a good opportunity for training early career researchers in preparation for overseeing future projects, especially when working with industry.

---

### When

A DSG PI will be sourced from a partner university shortly after Turing business development confirms the project is nominally viable for a DSG project. This should have at a minimum of 2 months preparation time for the scoping and following the DSG event itself, 2 months for results preparation.

---

### How

When challenges come in, a high-level project brief will be listed in the Turing weekly bulletin.

Applicants should apply to [datastudygroup@turing.ac.uk](mailto:datastudygroup@turing.ac.uk), with a CV and 1 page cover letter. Assessment criteria is listed on the webpage: [turing.ac.uk/DSGPI](https://turing.ac.uk/DSGPI). Call will usually last for 2 weeks.