



## Person Specification

This form lists the essential and desirable requirements needed in order to do the job.

Applicants will be shortlisted **solely** on the extent to which they meet these requirements.

**Job title:** Research Officer (Data Expert)

**Department/Division:** Systemic Risk Centre

**Accountable to:** Centre Directors

| Competency                      | Criteria   | E/D |
|---------------------------------|--|-----|
| <b>Knowledge and Experience</b> | Bachelor's Degree in economics, finance, statistics, data science, mathematics or a related discipline | E   |
|                                 | Demonstrable quantitative research skills  | E   |
|                                 | Strong experience of R and Python programming  | E   |
|                                 | Solid knowledge of statistics  | E   |
|                                 | Knowledge of SQL databases   | E   |
|                                 | Willingness to learn exotic derivatives and work with them   | E   |
|                                 | Capacity to work independently and with co-authors   | E   |
|                                 | Ability to demonstrate a good knowledge of modelling methods and of mathematical and statistical tools | D   |
| <b>Communication</b>            | Excellent written and oral communication skills  | E   |
| <b>Teamwork and Motivation</b>  | Demonstrated ability to work as part of a team   | E   |
|                                 | Ability to take responsibility for and work independently on specific project tasks                    | E   |
|                                 | Willingness to undertake travel  | D   |
| <b>Liaison and Networking</b>   | Demonstrated ability to build and maintain networks of contacts within multiple organisations          | D   |



|                                       |  |   |
|---------------------------------------|--|---|
| <b>Initiative and Problem Solving</b> | Ability to exercise initiative in selecting a course of action from available options  | E |
|                                       | Flexibility and ability and willingness to adapt to changing circumstances and demands | D |

**E – Essential: Requirements without which the job could not be done.**

**D – Desirable: Requirements that would enable the candidate to perform the job well.**