



## DECISION SCIENTIST

**We are looking to add a Decision Scientist to our Decision Science team based at our Head Office in Richmond, Surrey.**

Job title:	Decision Scientist	Location:	Richmond, Surrey
Reporting to:	Chief Scientist	Availability:	April 2018
Department:	Decision Science	Term:	Full-Time

### WHY RI?

**We believe we can reinvent retail operations through advanced analytics, growing sales and profitability for our global retail and consumer goods clients.**

### WHAT DO WE DO?

At Retail Insight, we have built a suite of innovative retail execution analytics products trusted by some of the world's leading retail and consumer goods companies including Walmart, Woolworths, Diageo and Danone.

We provide head office, stores and suppliers with data-driven insights that direct action and capture value. We specialise in-store and are at the cutting edge of retail analytics technology, helping identify drivers, and alerting to close, lost sales and lost profits from out-of-stocks, poor in-store execution, waste, markdown, and total loss.

### RESPONSIBILITIES

The huge amount of data that we're harnessing requires creativity to transform data and insight into truly innovative solutions. This is where you will deliver. Your role will be focused on providing mathematical and quantitative subject matter expertise to ensure successful delivery of our projects, and will include:

- Defining the quantitative element of projects, for internal R&D and for external clients.
- Contributing to the choice of quantitative and analytical techniques used to deliver projects.
- Quantitative input into the design and testing of prototype concepts for full solution implementation.
- Reviewing the latest mathematical trends and opportunities for method transfer and adoption/inclusion.
- Communicating with both RI staff and clients in technical and non-technical language.
- Contributing to our analytical problem solving and product development approaches across multiple projects.
- Helping shape and grow the analytical capabilities of the total business.

### WHAT DOES IT TAKE TO BE SUCCESSFUL IN THIS ROLE?

Requirements:

You will have, or be expected to attain, a PhD in a numerical discipline such as applied or pure mathematics, statistics, physics, or computer science, and may have experience in your first role or be carrying out post-doctoral research in a top-tier academic institute. You will likely have acquired the following skills/experiences:

- Extensive understanding of mathematics and its practical application to problem solving.
- Practical programming experience, such as C, C++, Java, Python, Fortran.
- Experience in systems such as R, Mathematica, MATLAB, SAS, SPSS.
- Perspectives on trends in mathematics and computer sciences, and opportunities for technology transfer.
- Knowledge of big-data platforms and numerical-analysis methods for optimising processing.
- Experience in handling & integrating qualitative data sets from social networks, questionnaires, surveys.
- Creative ideas for presenting and visualising data and insight.
- Excellent written and verbal communication skills and a strong collaborator.

Familiarity with every item isn't necessary, but we'd love to explore your experience at all levels.

**IF THIS SOUNDS LIKE YOU THEN WE'D LOVE TO HEAR FROM YOU.**