

## **Cognetivity Ltd. Internship - Data analyst R&D project**

### **Background**

Cognetivity is a healthcare technology company who have developed an innovative platform, the Integrated Cognitive Assessment (ICA), for the detection of cognitive impairment, primarily to aid the early diagnosis of dementia. Our platform utilises a visual recognition task combined with Artificial Intelligence to detect patterns in subjects' ability to process complicated information and then provides a report on their cognitive performance. Cognetivity is currently working on a major clinical validation study in London and the team are actively developing further applications for our platform in other areas. Further details on our company and an overview of our technology can be found at [www.cognetivity.com](http://www.cognetivity.com)

### **Purpose of the role**

Data science within the R&D team at Cognetivity focuses on gaining insights on cognitive health from the Integrated Cognitive Assessment (ICA) and a variety of other data sources. Our activities involve developing machine learning models for our AI engine for detection of cognitive impairment and gaining an understanding of factors that influence cognitive performance.

### **Requirements**

The successful candidate will require:

- Strong research skills,
- The capability to manage the project through to completion,
- Strong data analysis skills,
- A proactive approach to working,
- Good communication and documentation skills
- Data wrangling to prepare raw datasets for analysis
- Visualising and exploring data
- Data mining and getting insights from data
- Developing machine learning models for prediction
- Communicating and sharing results with the wider Cognetivity team, at research conferences, and for journal publications
- A passion to be creative and think out of the box
- A high-level understanding of dementia landscape from diagnosis to treatment from both science and business side
- Previous research or business experience in brain sciences is preferred

This internship is for approximately 3 months over the summer vacation. To apply please send a CV and cover letter to [hadi@cognetivity.com](mailto:hadi@cognetivity.com)