Griffith UNIVERSITY
Queensland, Australia

Position Description

Position Title	Data Scientist
Group/Portfolio	Health Group/ Changing Health Systems
Classification	Senior Research Assistant Grade 1 (SRA1)
Position Number	00062836
Reports To	Chief Investigator
Employment Type	Fixed Term

1.0 Position Purpose

Changing Health Systems (CHESS) identifies challenges in the health system and co-design consumer-driven, integrated and holistic solutions that aims to improve care experience and inform best practice.

This is an exciting opportunity for a Data Scientist to help translate child developmental data captured through digital health technologies into actionable clinical insights. The Tracking Cube is a ready for translation, holistic co-designed solution to monitor child health and neurodevelopment in primary healthcare, with embedded digital tools that guide ongoing screening, early and accurate diagnosis and support for children and adolescents with neurodevelopmental disorders (e.g., ADHD, FASD, ASD).

2.0 Eligibility Requirements

- A Masters Degree in Data Science, Applied Mathematics, Statistics, Computer Science, Physics, Engineering or a related quantitative field or equivalent qualifications/work experience.
- Greater than two (2) years of experience in a similar role.
- Strong analytical programming skills with SQL, R, Python or similar.
- Experience with data visualisation (e.g., Looker Studio, Tableau), dashboarding, and data pipeline tools.

3.0 Key Responsibilities

- Identify valuable data sources and automate collection processes.
- Undertake data cleaning and preprocessing of structured and unstructured data.
- Analyse large amounts of information to discover trends and patterns.
- Present information using data visualisation techniques (i.e., dashboards).
- Manage data platforms and ensure that technical solutions are robust, scalable, and follow good governance and architecture principle.

- Collaborate with engineering and project implementation teams to optimise data quality.
- Support compliance with relevant legislation and University policies and procedures, including research ethics, equity and health & safety and exhibit good practice in relation to same.
- Be a leading example of the principles and values embodied in the University's Code of Conduct, and behave, act and communicate at all times to reflect fairness, ethics and professionalism.

4.0 Key Capabilities

- Griffith University identifies the attributes of resilience, flexibility, creativity, digital literacy and entrepreneurship as critical to our success, in the rapidly changing future world of work. We have established a Griffith University Capability Development Framework to provide a common language of some of the non-technical organisation skills that will support our staff to thrive now and into the future. The Capability Development Framework will assist you to understand the current skill level of this position in the non-technical but critical skill domains that are increasingly important in a changing workplace context.

  To read about some of the non-technical organisation skills for this position, please see the Leads Self/Others section of our Capability Development Framework.