

## **Data Scientist, Full-time, Melbourne or Sydney location**

### **Who are we?**

Virtus Health Limited (ASX: VRT) is Australia's largest provider of assisted reproductive services. We are a collaboration of administration staff, nurses, fertility specialists, scientists, and business people who are all committed to continuously improving the services we provide. In Australia, we run 43 Fertility Clinics, 7 day hospitals and the boutique Virtus diagnostic service. We are also the largest provider of assisted reproductive services in Ireland, Denmark and have a growing presence in Singapore and UK.

### **The opportunity**

We are searching for a **Data Scientist** to join our Data Insights team. This role will report to the Head of Health Informatics and sits within the broader Digital Health Team.

This is a newly created role. You will work with the Head of Health Informatics and Data Analyst in helping establish the functions of the Data Insights team while working across a strategic, diverse portfolio.

As the Data Scientist, you will play an integral role in the delivery of the Virtus Health Digital Health Strategy. You will be responsible for the delivery of data-driven insights to support critical operational, research and clinical decisions including building predictive analytic models and deployment of key models into production to support business processes.

You will work closely with stakeholders to understand their business and operational challenges, conduct statistical analysis and modelling and identify analytical solutions that deliver business value and improved clinical outcomes. A key element of the role is to provide advice to clinicians with regards to their research design and statistical/data science aspects of their grant applications/proposals. You will also drive standardisation and collaboration around data governance and Information Management.

The successful candidate must be a strategic, collaborative and inclusive thought leader who is flexible in their approach with the ability to navigate in a fast paced and dynamic environment.

### **Our ideal candidate**

You are passionate about how data and digital transformation can improve clinical and patient outcomes. In addition, you have:

- A degree in statistics, mathematics, data science, engineering, econometrics or any other heavily analytical field. Masters or PhD preferred.
- Strong technical skills in modelling and programming (such as AI/machine learning, R an/or Python).
- Experience of SQL, database design and development including best-practice in data sharing and database security and maintenance.
- Experience in dashboarding/visualisation software (either MS Power BI or Tableau).
- At least three (3) years hands on experience in delivering advanced analytics / predictive modelling solutions.

- Experience with cloud platforms e.g. Microsoft Azure, AWS will be highly regarded.
- A willingness to continue to learn and develop understanding of advanced analytics technologies and approaches.
- A customer-centric and growth mindset.
- Exceptional communication and presentation skills, with the ability to explain complex analytical concepts to people from non-technical teams.
- A thorough understanding of data and complex data structures/data-sets.

To view the full position description, please [click here](#).

### **Our culture**

We are a team with a clear purpose: we work together to continuously improve the care and services we provide. We see a future where everyone in the community has the opportunity to create a family. Patient care, scientific and clinical leadership and a passion for making a difference to people's lives is always at the forefront of our minds. Collaboration, agility and the curiosity to investigate new ideas is how we will continue to grow as a market leader.

### **How to apply**

If you are interested in this opportunity, please send your CV and covering letter to Michelle Vu at: [michelle.vu@virtushealth.com.au](mailto:michelle.vu@virtushealth.com.au)