

Each piece of our clients earth moving equipment streams live data into their cloud databases. Their Remote Health Monitoring team processes this data to detect developing faults or misuse, and tracks the machine's performance. Their team is composed of data scientists who create algorithms, software developers that support the execution of the analytics suite, and subject matter experts that review the algorithm's results. They also interact closely with an infrastructure team in the USA who manage their cloud and databases.

**About the role:**

An opportunity exists for a **Data Engineer** to join their team. Your main responsibility will be to develop and maintain the **Python** code that interfaces analytics algorithms with their infrastructure. Another important aspect of the role is to act as a consultant and coach to their Data Scientists on software-related queries.

Depending on your level of experience, you will either be mentored by their senior software developers or work autonomously on your own projects.

This role has the option to be based in either **Brisbane** or **Newcastle - Hunter Valley, NSW**.

**What's on offer:**

You will work with the latest distributed databases (Snowflake) and executions environments (Apache Spark and Kubernetes) in a cloud environment. They support employees in maintaining their technical skills, through training, certifications or attending events. You will work as part of a diverse team in modern offices and we offer **flexible work arrangements**.

**Requirements and Skills:**

They are seeking candidates with varied levels of experience. The minimum requirement is to hold a software-related tertiary degree (computer science, software development, software engineering, etc).

- Experience with **Python**: this is their main language. If you have experience with object oriented languages like **Java, C#, NodeJS or C++**, that is also acceptable and transferable skills.
- An understanding, or previous work with "big data" infrastructure and cloud environments. Docker and container related experience is preferred.
- Experience with dev and deployment tools: Git, unit testing, linters, release pipelines, etc.
- An ability to coach others: assess other's prior knowledge, provide clear explanations and directions to develop others.
- Demonstrated experience to self-start projects and see them to completion. For example; any career-related projects outside of university / work.
- Demonstrated ability communicate clearly with colleagues and stakeholders formally and informally.