Job Information Sheet

Job Title   : Technology Data Engineer
Department   : IT
Reporting to   : Software Engineering Manager - New Inititives
Bonus   : IT Bonus Scheme

Job Purpose

The Data Engineer will deal with data from people and machines in both structured and unstructured formats. They need to recommend and implement strategies to sanitise, validate and improve overall data quality. They will build systems and processes to transform and store this data in a consistent way for use in data intelligence and modelling

The Data engineers will employ tools and programming languages to bring disparate data together in well architected systems to empower consumers to leverage this data.

They will deliver the data to the data science team, the data engineering team will need to develop data set processes for data modelling, mining, and production.

Key Accountabilities

- Develop, create and test data architectures (e.g. Databases and processing systems)
- Discover and provide opportunities for data acquisition and ingestion from a variety of sources.
- Be passionate and curious about wider data sets across industries that could augment and improve the commercial offering of the business and its products
- Recommend and implement approaches to improve the quality, validity and reliability of data within the Procode systems.
- Combine raw information from different sources
- Collaborate with data scientists and architects on several projects
- Build data systems and pipelines
- Analyse and organize raw data

Skills & Experience

- Previous experience as a data engineer or in a similar role
- Technical expertise with data models, data mining, and segmentation techniques
- Knowledge of programming languages (e.g. C#, Python, R)
- Hands-on experience with SQL database design
- Great numerical and analytical skills

* The skills and knowledge detailed are those you will need to achieve to become fully competent in the role. It is not essential to have all of the required skillsets and knowledge at point of application.