

CMC308 – Senior Data Engineer (12 Month Contract)

Department Marketing
Reporting to Head of Marketing Operations and Data

Since launching in 1989, CMC Markets (CMC) has become one of the world's leading online financial trading businesses. CMC is listed on the London Stock Exchanges and serves retail and institutional clients through regulated offices and branches in 14 countries.

CMC offers an award winning online and mobile trading platform, enabling clients to trade up to 10,000 financial instruments across shares, indices, foreign currencies, commodities and treasuries through contracts for difference. In Australia, the Group also offers stockbroking services.

CMC is committed to recruiting, developing, retaining and motivating exceptional people who are talented, innovative and focussed on delivering excellence. We acknowledge that this goes hand in hand with the Group's ongoing and future success. This is achieved through embedding the Group's values throughout the workforce as well as offering competitive rewards and benefits.

The Group values centre on quality, clients and integrity.

- Put clients first
- Lead with quality
- Set the standards

More detail on the Group can be found on <https://www.cmcmarkets.com/group/>

ROLE AND RESPONSIBILITIES

Background to & purpose of role:

We are looking for someone with a passion for cultivating excellence who is interested in financial markets to join our dynamic Marketing team. This is a fantastic opportunity for someone with a great work ethos to join a fast-paced environment and be a key driver of CMC's conversion and retention efforts.

Listed on the London Stock Exchange, CMC Markets provides spread bet and CFD trading to over 60,000 customers worldwide, is voted as the no.1 for provider for customer service, executing over 60 million trades annually on our award-winning Next Generation platform and native mobile trading apps.

The most important objective of the Marketing Operations team is productivity: maximizing the yield of resources across Marketing and Sales. To do that, we need accurate data that informs decisions, systems that guide customers to the right resource, planning that deploys our budget to the right priorities, and surveys that tell us how we're doing.

Key responsibilities:

- Design, deploy and maintain Marketing's data processing frameworks
- Work alongside the data science team to leverage data with reporting and scientific tools
- Continuously develop new and improved data engineering capabilities
- Develop queries for ad-hoc business projects, as well as ongoing reporting
- Develop reliable data pipelines that translate raw data into powerful features and signals
- Develop ETL processes for the purposes of importing and transforming data from numerous data sources, including APIs, logs, relational and non-relational databases
- Analyse and understand data sources, participate in design and provide insights and guidance on database technology and data modelling best practices
- Oversee, design and develop algorithms for real-time data processing within the business and to create the frameworks that enable quick and efficient data acquisition
- Maintain personal/professional development to meet the changing demands of the role, including all relevant regulatory and legislative training
- When dealing with all customers, clients or colleagues ensure that we provide a clear, fair and consistent high quality service that presents a professional and positive image of CMC Markets
- Take all reasonable steps to ensure appropriate confidentiality
- Undertake such other duties, training and/or hours of work as may be reasonably required and which are consistent with the general level of responsibility of this role

KEY SKILLS AND EXPERIENCE

- Previous experience working in a data engineering department, preferably as a Data Engineer in a fast-paced environment and complex business setting
- Comfortable working with components in the marketing stack, like Pega, Braze, Hotjar, and GA.
- Advanced PL/SQL knowledge (query tuning, ETL, procedural programming)
- Advanced Python knowledge (software development, object oriented programming, standard libraries)
- Comfortable working with Unix environment (bash script, basic Unix commands)
- Data modelling in RDBMS and NOSQL databases
- NOSQL data storages e.g. Apache Cassandra

CMC Markets is an equal opportunities employer and positively encourages applications from suitably qualified and eligible candidates regardless of gender, sexual orientation, marital or civil partner status, gender reassignment, race, colour, nationality, ethnic or national origin, religion or belief, disability or age.

KEY OBJECTIVES/KPIS

- As per performance review

COMPETENCIES

- Communication
- Team work
- Customer focus
- Resilience and adaptability
- Problem solving

The Company reserves the right to review, alter and amend job descriptions from time to time in line with business requirements.

Job Holder Name: _____

Manager Name: _____

Job Holder Signature: _____

Manager Signature: _____

Date: _____

Date: _____