

CMC367 – Data Engineer

Department: Marketing
Reporting to: Head of Data Science

Since launching in 1989, CMC Markets has become one of the world's leading online CFD and financial spread betting providers, with nearly 66.8 million trades executed annually across Europe, Asia Pacific and North America.

CMC Markets' success is founded on its ability to deliver a wide range of trading products to customers, from single equities to indices, currencies and commodities. This means our clients don't need to go to a forex broker, futures broker or a commodities broker to trade these different instruments, they can trade them all through one trading platform. CMC Markets has pioneered the development of online trading in markets around the world to become a world leading spread betting and CFD provider.

ROLE AND RESPONSIBILITIES

Background:

The Data Science team currently serves Marketing, Operations and trading verticals across the business. We are looking for a candidate with a passion for cultivating excellence, and an active interest in financial markets.

Technical responsibilities:

- Develop data pipelines (RDBMS & Dynamo DB), automate workflows, and develop analytical processing solutions in a Spark driven ecosystem;
- Collaborate with Data Scientists to productionise and deploy models to various end points;
- Build reporting and monitoring mechanisms into data science solutions (both existing and future);
- Develop API data collection jobs. Cleanse, transform, join, and adjust data sources, and eventually store organised and ready-for-use data sets in enterprise data lakes.

General responsibilities:

- 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

- Significant experience gained in Software Engineering or Data Engineering/development roles;
- Strong conceptual knowledge of distributed frameworks and Spark architecture components;
- Extensive hands-on experience with SQL, gained via building data pipelines and managing ETL processes;
- Strong programming skills with Python, Scala or similar functional languages;
- DevOps delivery practices: familiarity with agile and DevOps delivery and deployment methodologies. Experience with continuous integration, automated code reviews and regression testing using tools such as Atlassian Jira, and Docker;
- Expertise in a UNIX environment and version control (GIT/SVN);
- Experience with messaging and streaming platforms like Kafka, RabbitMQ or JMS would be advantageous, but is not essential.

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: _____

Job Holder Signature: _____

Date: _____