

ROLE DESCRIPTION

Job Role:	Data Science Engineer	
	Work Location:	Department:
	Aberdeen/London	Information Systems
Purpose of Role:	<ul style="list-style-type: none"> The Data Science Engineer is responsible for the provision and support of Data Science business outcomes The role works with the business and IS business analysts to identify requirements, determine solutions, and ensure said solutions are fit for purpose, supportable and satisfy desired business outcomes within a Centre of Excellence ensuring re-use, best practice, and optimisation through the COE ways of working 	
MAE*/MATTE* and HSE* Critical Responsibilities:	<ul style="list-style-type: none"> Ensure that all activities are carried out in a safe manner complying with all regulatory requirements, legislation and Harbour Energy HSEQ procedures 	
Areas of Accountability, Responsibility and Competence Level:	<ul style="list-style-type: none"> Designs, develops, and supports Data Science business solutions including tools and processes Works directly with the business and IS business analysts to understand business requirements to provide time assessments and create technical designs Writes and develops code to extend basic functionality as required Creates and updates documentation for ongoing support of data science business solutions Researches and recommends solutions that best meet the business needs and operational requirements Unit tests solutions in preparation for user acceptance testing Works with third party vendors to ensure services are developed, enhanced, and supported Works effectively with the product function supporting the Automation, Analytics & Data Science Supervisor, and works closely with application support, projects, and 3rd parties Ensures that all processes/procedures/work instructions are clearly followed to help improve reliability, efficiency, quality, and cost effectiveness of service components under supervision, for example ITIL problem and change processes Ensures re-usable, repeatable, standardised, and measurable processes are developed and enhanced Accountable for compliance with all Harbour IS related processes, policies, and work practices Supports the development of future planning and COE roadmap activity Provides technical support for changes, upgrades, and enhancements Works with minimal supervision, using clearly defined processes and procedures Facilitates the use of the performance metrics to improve output Analyses data and reports to identify trends and potential improvement opportunities within the Automation, Analytics & Data Science function May be required to provide out of hours support via an on-call rota 	
Critical Skills* Qualifications Experience, etc.: (* Indicate either preferred or essential.)	<ul style="list-style-type: none"> Excellent analytical, collaborative (team working) with planning and execution skills Strong Industry, domain-specific knowledge of the enterprise and its business units Experience of developing and implementing process improvements Self-motivated with a willingness to go the extra mile to achieve important goals Ability to deliver to governance practices to track and measure the quality of services, and maintain service improvement plans 	

- Strong third-party relationship skills, able to work closely with multi sourcing and vendor managers
- Good verbal and written communication skills, including the ability to explain technical concepts and technologies to non-technical audiences to support recommendations
- Strong experience of COE - Data Science business development environment including support / maintenance in the Oil and gas sector or equivalent using tools such as Python, SQL and Machine learning
- Extract, manipulate and analyse data from multiple sources to highlight issues or opportunities
- Excellent problem-solving skills
- ITIL knowledge and understanding
- Ability to work effectively in a team environment to encourage collaboration, innovation, and continuous improvement

*** Abbreviations:**

HSE	Health, Safety and Environment
MAE	Major Accident Event
MATTE	Major Accident to the Environment