

MARITIME DATA SCIENTIST JOB DESCRIPTION

Who are Idwal?

Very few people have heard of us, but we're a Cardiff based maritime technology company and world leaders in ship inspections. Whilst we have a 100 year-old history as part of the Graig Shipping Group, we have also revolutionised the industry with the introduction of the first online platform. At the simplest level this lets anybody order a vessel survey at any port in the world, then view the results and receive a grading.

This is just the starting point though. Not only does the sheer depth and breadth of data captured create new business opportunities (e.g. market comparison and performance), we're also able to bring innovative new solutions to market (e.g. drone inspections and VR walkthroughs). In addition, we provide a range of other services, such as portfolio oversight and dry dock management, but these need a bit more explaining.

Why work at Idwal?

We've got a fairly unique environment, blending the essence of a technology startup with the heritage and market knowledge of a 100 year-old shipping company.



On the one hand, we have many of the positives associated with a tech startup. We work in a fast-paced environment that encourages entrepreneurship and innovation, where we both empower and support our people. We're also developing industry changing products using the latest technologies.



On the other hand, we don't have the negatives associated with a tech startup. We're self-funded, we're established in market and we're profitable. Furthermore, we have solid and achievable growth targets, along with a global client list that includes leading banks, financial institutions, private equity groups, ship owners, brokers, insurers and charterers.

What is it like at Idwal?

We like to think of ourselves as a family, which isn't surprising when you consider we originated from a 3rd generation Welsh shipping family. We're friendly and sociable, and regularly get together for team and charity events.

We also value our team. We make every effort to provide an environment where people enjoy coming to work and have the opportunity to thrive and as we have more than doubled our workforce in the last 18 months, there are plenty of opportunities for progression. Finally we have a great view of Cardiff Bay and an excellent coffee machine.

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What You'll Do

- Drive our maritime industry analytics capabilities and shape the direction of our vessel and fleet intelligence
- Closely track the latest trends and developments in the maritime sector to create topical market-leading data-led insights
- Work with key stakeholders in the company, gathering requirements, transferring domain expertise and facilitating content creation by working across our functional teams
- Identify new sources of maritime data to inform our products and accelerate the quality and scale of our data services
- Deliver business and industry data analysis output to order from bespoke customer and business requests
- Present data sets and analytical content both internally and externally, speaking at key industry events where appropriate
- Fully embed yourself within the data team; developing and refining the development roadmap, planning sprints and attending daily stand-ups
- Support the data team delivering first-class business intelligence to support decision-making across the company

What You'll Need

- A deep understanding of the maritime sector, both from a commercial and operational perspective
- Demonstrable experience of working in a shipbroking, research, or shipowning environment
- An understanding of technical risk, regulatory frameworks and key industry themes, such as decarbonisation, crew welfare and cyber security
- A customer driven focus with experience of gathering insights through a variety of techniques
- A proven analytical track record with the ability to communicate complex technical concepts in a simple and clear way
- Hands-on experience across the full data analysis stack; from extracting source data to showcasing key insights to the end customer
- Experience with common data analytics software and programming languages (R/Python/SQL/Excel)
- Ability to perform data mining and exploratory data analysis tasks from structured and unstructured data sets
- Practical experience with data visualisation tools for analysis output and business intelligence

What you'll get at Idwal

In addition to working with great people and great products, we offer a Competitive Salary and the following benefits package:



25 days holiday with option to buy additional



Private healthcare



Very generous pension



Home working options



Social Club



Cycle to work scheme



35 hour working week

Like what you've read so far? Get in touch with our recruitment team to find out more. Either send your CV or LinkedIn profile to allison.hetherton@idwalmarine.com or speak to Allison Hetherton on 02920 446 644.