



Pacific Basin is one of the world's leading owners and operators of modern Handysize and Supramax dry bulk ships. We are listed in Hong Kong and operate globally with a fleet of over 270 ships trading worldwide. Our team comprises about 4,600 seafarers and over 400 shore staff in 14 key locations around the world.

Job Title	Data Scientist / Senior Data Scientist	Location	Hong Kong
Department	Digitalisation	Reporting Line	Data and Analytics – Team Lead

Role Summary	<p>This role within Pacific Basin's Digitalisation team is responsible for designing and delivering advanced data solutions, including ML and AI, to support operational performance and business decision-making across the organisation.</p> <p>It covers a broad spectrum of responsibilities, including ML model development, AI-driven solution engineering, and data system integration, with an increasing focus on production-ready AI/ML capabilities, intelligent automation, and scalable data solutions.</p> <p>You will work across multiple initiatives, contributing to both analytical models and AI/ML-powered systems, ensuring solutions are scalable, reliable, and effectively embedded into business workflows.</p> <p><i>The scope of work will evolve based on business priorities and may include both AI/ML-led initiatives and broader data and system development.</i></p>
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Internal Stakeholders	Digitalisation, Chartering, Technical, Operations team, etc.
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Responsibilities	<p>The responsibilities below will vary depending on project priorities and may cover both AI/ML initiatives and broader data solution delivery.</p> <ul style="list-style-type: none"> Proactively identify opportunities to apply data, ML, and AI to drive business value Translate business requirements into practical and scalable AI solutions Design, develop, and deploy ML models for predictive analytics, optimisation, and anomaly detection Design and develop AI-powered applications and systems (e.g. AI copilots, RAG-based solutions, intelligent automation tools) Build and maintain end-to-end ML pipelines (data preparation, feature engineering, training, validation, deployment, monitoring) Integrate AI models into production systems, ensuring scalability, performance, and reliability Ensure AI solutions are production-ready, including monitoring, logging, and lifecycle management Work with data engineers to ensure high-quality, production-ready data pipelines Leverage and develop enterprise platforms (e.g. Microsoft Fabric, Dataverse, Azure services) for model development and deployment Ensure solutions are aligned with enterprise platform standards and architecture Apply best practices in model governance, including versioning, validation, and traceability Contribute to the evolution of enterprise standards in data and AI Support broader data initiatives including analytics, reporting, data modelling, and enterprise data development as required Present findings and solutions clearly to both technical and non-technical audiences Provide actionable insights to support business decision-making
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<p>Skills Capabilities Qualifications</p>	<p>Must-Have Requirements</p> <ul style="list-style-type: none"> • Degree or above in Data Science, Computer Science, Statistics, Engineering, or a related field • Strong proficiency in Python and SQL • Hands-on experience developing and deploying machine learning models • Experience working with production environments (not just proof-of-concepts) • Experience with ML frameworks such as Scikit-learn, PyTorch, or equivalent • Experience with Generative AI (e.g. RAG, AI copilots, LLM-based solutions) • Strong stakeholder engagement and communication skills • Solid foundation in statistics and analytical thinking • Strong problem-solving skills and ability to handle complex business challenges <p>Nice-to-Have Requirements</p> <ul style="list-style-type: none"> • Experience with Azure and/or Microsoft Fabric • Experience working with large datasets and distributed data environments • Experience in shipping, logistics, or a related industry 	<p>Attributes Personality</p>	<ul style="list-style-type: none"> • Strong ownership mindset with ability to drive initiatives independently • Comfortable working in a fast-paced, evolving environment with multiple priorities • Highly analytical with strong attention to detail • Practical and delivery-focused. Able to move from concept to production • Strong communication skills and ability to engage with stakeholders across different functions • Curious and proactive in exploring new AI technologies and innovations • Comfortable working in ambiguous problem spaces, where requirements evolve and solutions need to be iteratively refined
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If you are selected, you will be continuously assessed not only on the basis of your performance, but also on the basis of your attitude and behavior. Cultural fit and adherence to Company values is of paramount importance. We are committed to fostering a diverse, equitable, and inclusive workplace where all colleagues feel valued and empowered to bring their authentic selves to work. Please apply with a full résumé, salary expectation and contact details to the Human Resources Department at recruiting@pacificbasin.com. We only accept CVs in pdf format. (Application deadline: **14 August 2025**)

All applications will be treated in strict confidence and used solely for recruitment purposes.