Data Scientist (LM11118)

Sydney, New South Wales, Australia (Hybrid)

ASX: Powering Australia's financial markets

Why join the ASX?

When you join ASX, you're joining a company with a strong purpose – to power a stronger economic future by enabling a fair and dynamic marketplace for all.

In your new role, you'll be part of a leading global securities exchange with a strong brand. We are known for being a trusted market operator and an exciting data hub.

Want to know why we are a great place to work, visit our careers page to learn more.

We are more than a securities exchange!

The ASX team brings together talented people from a diverse range of disciplines.

We run critical market infrastructure, with 1 in 3 people employed within technology. Yet we have a unique complexity of roles across a range of disciplines such as operations, program delivery, financial products, investor engagement, risk and compliance.

We're proud of the diversity of our organisation and the culture of inclusion that all our people help to build every day. Our employee-led groups are known for celebrating cultural and religious events, championing LGBTIQ+ inclusion, inspiring giving and volunteering, promoting gender equality, and wellbeing. We are an Employer of Choice for Gender Equality (WGEA) and a member of the Champions of Change Coalition for the advancement of gender equality in Australia.

About the team:

ASX Compliance is implementing a capability uplift program which includes establishing its foundational data capabilities to support its strategic goal to become a more data driven function.

This role will be responsible for analysing and preparing regular management and regulatory reports, developing and maintaining key performance metrics, and performing ad-hoc analysis to deliver actionable insights.

The role is suited for someone who is inquisitive, attentive to detail, and is a strong communicator. This is a newly created role in a small but growing team. The candidate needs to be adaptive, flexible, and open to a broad range of challenging work.

What you will be doing:

- Work alongside members of the Listings Compliance team, Enforcement team and the Transformation and Operational Performance Team to understand pain points, process improvement opportunities using data analytics and deliver data analytics solutions to a wide variety of business problems.

- Design and develop various data products including dashboards, automated reports and monitoring tools to support the work of the wider ASX Compliance function.
- Develop and prepare timely and accurate performance, operational and risk metrics to include in regular management committee reports and regulatory submissions
- Perform a range of ad-hoc analyses to derive data-driven insights and present findings to non-technical stakeholders in a way that is easily understood to support management decision-making
- Perform whole data analysis lifecycle, from gathering requirements, business analysis, sourcing and exploring data, data cleansing, data modelling, and reporting and visualization
- Work with cloud computing platforms and data visualisation tools to extract, manipulate and interpret data from a range of systems and data sources
- Collaborate cross-functionally with other ASX divisions to achieve collective goals.
- Develop an understanding of Listings Rules and the function's processes and procedures to monitor and enforce these rules
- Implement ways of working improvement initiatives including mapping of current state and development of future state business processes to improve capture of data and increase digitisation
- Undertake work assigned by General Manager or CCO

What you will bring:

- Tertiary qualification in a technical discipline such as computer science, data science, statistics, applied mathematics
- A minimum of 2 years' experience working as a data analyst or data scientist
- Strong Python, SQL and Excel skills to manipulate and transform data to derive meaningful insights
- Worked with cloud technologies such as AWS, Azure or GCP
- Experience working with data visualisation tools such as Microsoft PowerBI, Tableau, Tibco Spotfire
- Demonstrated ability to present data in a clear, logical, concise, contextual and visually appealing manner

Nice to have:

- Experience in regulation, supervision, compliance and/or risk management within financial services, ideally capital markets
- Experience with software development / engineering practices (DevOps, Git, MLOps, etc.)
- Experience working with emerging machine learning concepts, NLP or deep learning algorithms and libraries
- Experience in designing and building data products
- Have been involved in digitisation initiatives

What you need to succeed in this role:

- Intuition, curiosity and outcome focused with an ability to break down a complex problem and work out how to solve it
- A learning and continuous improvement mindset, happy to share knowledge and learn from others
- Detail focused and proud of your sense of accuracy
- A talent for interpreting, identifying trends and patterns, and telling stories with data
- Communicating and collaborating effectively with both technical and non-technical stakeholders
- Highly motivated, able to work autonomously and manage competing priorities
- Ability to work flexibly and adapt to a complex and constantly changing environment where requirements and outcomes are often unknown at the outset

We make hiring decisions based on your skills, capabilities and experience, and how you'll help us to live our values. We encourage you to apply even if you don't meet all the criteria of this role. If you need any adjustments during the application or interview process to help you present your best self, please let us know.

At ASX Group, our diverse workforce is essential to build and maintain a fair and dynamic marketplace. We support flexible working and offer hybrid working options. Even if our roles are advertised as full-time, we encourage you to apply if you are interested in part-time or other flexible working arrangements.

We will arrange for successful candidates to have background checks, including reference and police checks completed as part of the on-boarding process.

Recruitment Agencies: ASX does not accept any unsolicited agency resumes and will not be responsible for any fees related to unsolicited resumes.