Position Description

Data Scientist

Data and Advanced Analytics | Strategy

Objectives	• As an integral member of the Data & Advanced Analytics Team, the Data Scientist will enable business units to make data-informed decisions by developing complex diagnostic or predictive models and analyses. • Partnering with leaders and specialists, you will be responsible for understanding opportunities to improve or transform the business using data science, sourcing data, selecting and implementing an approach, presenting findings and recommendations, and generally uplifting the business' data literacy. • The Data Scientist will also help continuously improve our ways of working, including processes and technologies that support the development of analytics.
Role Specific Accountabilities	• Work with stakeholders across multiple areas of the business to understand processes, issues, and identify specific opportunities to apply data science to address business challenges • Manage time and workload by defining and tracking plans, milestones, or deadlines, often dealing with simultaneous projects and competing priorities • Collect, clean, and process data to identify relevant features for model performance and create appropriate datasets, in partnership with digital and business teams • Develop descriptive, diagnostic, and predictive models or simulations, selecting and using relevant algorithms • Design and develop front-end or back-end solutions that enable business users to use models and meet usability and user experience requirements to minimise change management • Partner with digital teams to deploy, monitor, and maintain data pipelines, models or front-ends • Present findings and recommendations in a clear, concise, and actionable manner to a non-technical and senior audience

To be successful in this role

- Strong analytical and problem-solving skills – ability to frame business problems in data science, develop and test hypotheses, and use a suitable approach to deliver complex models
- Business acumen and understanding of value drivers in a commercial setting, with the ability to manage the trade-offs required to deliver useful findings and recommendations with sufficient accuracy
- Programming proficiency with languages used for data science and visualisation (such as Python, SQL, JavaScript), development platforms, and with common libraries and frameworks – supported by experience in software design and development practices.
- Mathematical and statistical background and a solid understanding of their use for data science, backed by academic qualifications in data science, computer science, statistics, or another relevant field
- Prior exposure to a range of fields in data science such as simulations, predictive models or forecasts, natural language processing, image recognition
- Excellent communication and presentation skills, proficient in preparing findings and recommendations reports or packs, employing storytelling techniques to convey insights, and able to explain technical concepts to non-technical audiences
- Ability to apply design and data visualisation best practices, backed by hands-on experience with data visualisation tools such as Power BI or custom-built visualizations with libraries such as Leaflet and D3
- Self-starting with the ability to work autonomously as well as collaboratively within and outside of the immediate team. Demonstrated adaptability and readiness to upskill across various business domains and new technologies
- [*Advantageous*] Domain knowledge with electricity distribution, asset-heavy industries or asset optimisation
- [*Advantageous*] Experience in deploying, managing and scaling data science models on cloud platforms

Reports to:	Direct reports:	Approved:
Leader Data and Advanced Analytics	0	March 2024