



POSITION DESCRIPTION

Position Title	Data Engineer	Position No.	S 50046566
Team	Audience Data and Insights	Classification	Admin/Professional
Department	Audiences	Schedule Roster Cycle	A (non-rostered)
Location	Ultimo	Band / Level	9
Reports to	Insights Manager, Data Solutions	HR Endorsement	

Purpose

Propose, design and develop solutions and lead the data integrations, operations support and data deliverability in large scale for Audience Data & Insights team, in an echo-system that involves data sources with different aspects and nature: on-premises and multi-cloud based, includes internal and third-parties structured or non-structured data.

Key Accountabilities

Data Environment

- Design, develop and maintain necessary code for data integration / transformation that needs to be deployed in multi-cloud-based infrastructures (Amazon Web Services and Google Analytics)
- Collaborate as a technical advisor on the development of the enterprise data strategy and governance
- Ensure that the ongoing processes are optimally cost-effective and consolidate both business demands and infrastructure budget
- Provide highly specialist advice on market leading products available and the ability to transform various big data into valuable measurable information

Data Analytics

- Lead, design and develop reports and dashboards demanded by various business areas
- Implement statistic models provided by data scientist in automatic process of data transformation that produces insights, predictions or applications feeds

Stakeholder Management

- Develop, influence and foster strong working relationships with Insights managers and product specialists. Work with Insights and digital product managers to embed data collection, analysis and data services.
- Develop and foster strong working relationships across the ABC divisions, including News, Regional, TV and Radio

Data Modelling

- Propose data models that fits into business requirements, considering all technical limitations that it might involve to ensure that Audience data strategy is delivered.
- Develop and deliver Pan ABC data strategy
- Understand deeply the meaning and nature of ABC Audience data, as well as the processes involved for extraction from internal or external platforms
- Ensure quality, reliability and accuracy for the ongoing data solutions

Collaboration and Data Leadership

- Be a data evangelist' within the ABC, actively promoting the power of data and analysis to enable data informed decisions.
- Provide engagement and guidelines to DevOps within Digital and Technology teams.
- Provide direction and thought leadership through advice and daily involvement for ongoing data projects
- Actively promote the ABC values and apply all relevant workplace policies and guidelines
- All ABC staff are required to cooperate with any reasonable instruction, procedure or policy relating to safety, and take reasonable care for their own safety and that of other persons who may be affected by their conduct while at work. Additional WHS responsibilities apply to Managers and Supervisors, Team Directors and Other Officers





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Key Capabilities/Qualifications/Experience

1. Demonstrated achievements in running successful data projects for a large organisation with a significant online and mobile businesses. Preferably experience in a Media organisation.
2. Proven in-depth knowledge of data warehousing architecture and enterprise data platforms both on-premises and multi-cloud services such as AWS S3 and Redshift, Advanced Python, R, MS SQL Servers and Google Analytics and big-Query.
3. Demonstrated experiences in implementing an industry standard in a large organisation, including processes to extract, transform and load data form different type of platforms and Gateways, develop reporting and roll out of BI tools to users. (Airflow workflow management platform, Application programming interfaces (API) and SDK integrations.)
4. Demonstrated high proficiency in data solutioning and products available in the market and experience working with big data solutions such as Amazon Web Services; Redshift Spectrum, Athena, Google Analytical suites, Hadoop, Hive, MapReduce is an advantage.
5. Demonstrated experience in gathering and documenting data specifications requirements and deliver projects using Agile delivery approach and strong planning and organisational abilities
6. Demonstrated experiences in technical unit testing, production implementations life cycles and governance and best practises.
7. Highly motivated with experience in strategically contributing within a team environment within a process driven setting.
8. Proven strong interpersonal, oral and written communication and presentation skills with the ability to communicate complex findings and ideas in plain language.
9. Degree in mathematics, statistics, computer science or similar.
10. ABC Principles: Demonstrated commitment to the ABC Principles of We are ABC, Straight Talking, People Focused, Accountable and Open & Transparent.
11. ABC Policies: Understanding of the relevance and scope of ABC policies and the ABC Principles and a commitment to adhere to these; particularly in relation to complying with health, safety and wellbeing requirements in the workplace and acting in accordance with the ABC Principles.
12. Diversity and Inclusion: Experience in building an inclusive and supportive culture where diversity is valued.