

Senior Cloud Data Engineer

Department for Child Protection

OFFICIAL

*Nurturing happy, healthy kids so they
can grow up safe and reach their full potential.*

CLASSIFICATION:	ASO7	DIRECTORATE:	KidSafe Connect Transformation Program
REPORTS TO:	KSC Data Lead	FTE:	1.0
ROLES REPORTING TO THIS ROLE:	Nil		
ABOUT THIS ROLE:			

The **Senior Cloud Data Engineer** plays a critical senior role in establishing, assuring and enabling trusted, decision-ready analytics within a cloud-native data platform for the KidSafe Connect (KSC) Transformation Program. Working under the direction of the KSC Data Lead, the role provides authoritative technical leadership across cloud-based data engineering, analytics engineering, and migration assurance. The role is accountable for ensuring that data assets delivered through cloud platforms are fit for analysis, governed, secure, and reliable from day one, supporting complex longitudinal analysis and cross-agency reporting in a highly sensitive environment.

YOU WILL BE ADDING VALUE BY:

1. Provide high-level cloud data engineering leadership to build, operationalise and assure trusted analytics-ready data assets, implementing approved architectures through robust transformations and validation processes that meet department and whole-of-government security and privacy requirements.
2. Define and embed cloud analytics engineering standards and delivery practices, including data modelling, transformation, testing and deployment, to ensure analytics outputs are consistent, reliable and fit for purpose across the KidSafe Connect platform.
3. Ensure Identity/MDM, analytical linkage and longitudinal data designs implemented in cloud environments support reliable data analysis, providing clear advice on risk, dependencies and mitigations with constraints and caveats clearly documented.
4. Design and maintain analysis-ready, governed data models and semantic layers that provide consistent, trusted definitions for reporting and analytics and support high-quality, comparable program insights over time.
5. Enable self-service and program reporting through certified cloud datasets and metrics that reduce downstream rework ensuring analytics outputs support operational, tactical and strategic decision-making across the KidSafe Connect ecosystem.
6. Lead analytical validation, reconciliation and assurance across data migration phases to certify the completeness, accuracy and integrity of cloud hosted datasets.
7. Collaborate with the Data Lead, Senior Cloud Data Architect, Solution architects, technical specialists, inter agency partners and vendors to ensure data assets are coherent, reliable and fit for purpose across organisational boundaries.
8. Support capability uplift by translating complex cloud and analytics engineering concepts into clear, accessible guidance for program stakeholders, contributing to a culture of data literacy, trust and ethical data use across the program.
9. Establish and maintain effective working relationships with government agencies, service providers, delivery partners and external specialists to support coordinated data activities, informed decision making and service reform outcomes across the KidSafe Connect program.



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10. Oversee and provide authoritative analytical advice on data quality, data integrity, data privacy, migration progress and data sharing effectiveness, using evidence-based monitoring to identify risks, inform mitigation strategies and drive continuous improvement across data initiatives.
11. Provide governance assurance and risk oversight for data initiatives by applying departmental and whole of government frameworks and standards, escalating material risks, and supporting the Data Lead with clear advice on data integrity, compliance and control effectiveness.
12. Any other responsibilities in line with the classification level of the role as assigned by Line Manager and/or the Department. The responsibilities as specified above may be altered in accordance with the changing requirements of the role.
13. Contribute to maintaining a safe and healthy work environment by taking personal accountability by identifying and reporting incidents, hazards, and injuries in accordance with DCP policy & procedure and cooperating and complying with reasonable instructions of DCP line management and WHS Officers.

WHO YOU WILL WORK WITH:**Internal**

- Data Lead, KSC Program
- Senior Cloud Data Architect & Engineer, KSC Program
- Other KSC Program architects and delivery leads
- ICT Directorate and external data vendors

External

- Interagency data and analytics peers (e.g., Health, Education, Police)
- Other government and non-government organisations

QUALIFICATIONS**Essential:** Nil

Desirable: Tertiary qualification in Information Technology, Computer Science, Data Engineering, Data Analytics or other relevant discipline.

YOUR CAPABILITIES:

- Demonstrated senior experience designing and delivering cloud based modern data and analytics platforms in complex, regulated environments.
- Strong expertise in analytics engineering, including cloud data modelling, transformation, semantic layers, and metrics definitions.
- Proven experience providing data migration and analytics assurance, including reconciliation, validation and certification of data for production use.
- Sound understanding of cloud security, privacy and governance considerations for sensitive data.
- Ability to operate with a high degree of autonomy, exercise professional judgement, and provide authoritative advice in ambiguous, high risk contexts.
- Strong stakeholder engagement and communication skills, with the ability to explain complex technical issues to non technical audiences.
- Strong knowledge of interagency data sharing frameworks, privacy legislation, and information security standards.
- Strong knowledge of data governance, stewardship, and compliance requirements in complex human service settings.
- Experience driving digital enablement and innovation, including integrating emerging technologies to enhance data management and service delivery.
- Commitment to inclusion, accessibility, cultural safety, and human rights, ensuring data practices reflect and respect the diversity of users and communities.



OUR COLLECTIVE RESPONSIBILITIES

- Maintain accurate and complete records in accordance with the *State Records Act 1997* and departmental policies, procedures and practice guidance.
- Understand and follow the requirements of confidentiality within the *Children and Young People (Safety) Act 2017*, and whole of government and DCP policies, procedures and practice guidance to facilitate appropriate standards of confidentiality and information sharing practice.
- Actively participate in performance development processes.
- Comply with reporting obligations arising from legislation, professional conduct standards including the Code of Ethics for the South Australian Public Sector, and departmental policies, procedures and practice guidance.
- Undertake mandatory training activities as specified with the DCP Mandatory Training Procedure.
- Actively contribute to Reconciliation, and to the aims and objectives of the Aboriginal & Torres Strait Islander Child Placement Principle.
- Demonstrate a commitment to preventing gendered violence against women consistent with DCP's status as a White Ribbon Accredited Workplace.
- Maintain the Program Standards of White Ribbon Reaccreditation.
- Actively support DCP's commitment to ensuring a workplace culture that is respectful, safe and inclusive where our employees are free from discrimination and are recognised for the individual and collective skills and perspectives that they bring by virtue of culture, race, gender, disability, age, sexual orientation, gender identity, intersex status and other differences.
- Act at all times in accordance with the Code of Ethics for the South Australian Public Sector and legislative requirements including (but not limited to) the *Public Sector Act 2009* and *Work Health and Safety Act 2012*.

SPECIAL CONDITIONS

- You must have, or gain, a current Department of Human Services working with children check prior to being employed and renew this every five years before expiry.
- You must be an Australian resident or provide evidence that you have a current work permit.
- You will need to undertake training in Child Safe Environments – Reporting Child Abuse and Neglect and other mandatory training as required.
- The incumbent will be required to achieve performance targets as negotiated and mutually agreed with the KSC Data Lead.
- You may be required to perform duties in other locations/divisions/units dependent upon Departmental requirements.
- Some intra/interstate travel (including in a small aircraft) including overnight stay may be required.
- Some out of hours and weekend work may be required.



YOU WILL CONTRIBUTE TO



OUR VISION is for all children and young people to grow up safe, healthy, connected and feeling loved so they reach their full potential.



OUR PURPOSE: The Department for Child Protection protects, cares for and empowers children and young people at risk and in care. We do this by working together with our key partners to respond to abuse and neglect, keep children and young people safe from further harm, help them heal from trauma and reach their full potential.



Leaders in practice excellence

Staff in all parts of child protection develop and use best practice in their work to deliver improved outcomes for children, young people, carers, and families.



Closing the Gap

We commit to a transformed child protection system that makes active efforts and where Aboriginal people and communities are empowered to lead decision making about the care and wellbeing of Aboriginal children and young people.



A child protection system that meets the needs of children and young people

We commission and deliver services based on a deep understanding of the needs of children and young people in care and our aspirations for them to heal from trauma and reach their full potential.



A thriving workforce

We are future focused in our workforce strategy, supporting and valuing our staff, proactively recruiting, and establishing sustainable systems, processes and workplaces that enable us to be highly effective.



Active and collaborative partnerships

We work together with our service partners and alongside the community to improve outcomes for children, young people, carers, and families.



Working alongside carers

We respect and value carers as vital partners in keeping children and young people safe and well.



Quality services and safeguarding

We are accountable and transparent, and pursue continuous improvements to promote the safety and wellbeing of children and young people throughout the services we fund and provide.

CERTIFIED CORRECT JULY 2026



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