Role Description

General information

Title:	Senior Technical Business Analyst		Classification:	ASO7	
Division:	Corporate Services	**Branch:**	Information Communication Technology	**Business Unit:**	ICT Portfolio and Suppliers
Type of Appointment:	Term	**Hours of Duty:**	37.5	**Location:**	Adelaide

About Us

South Australia is internationally recognised for the quality of its agriculture, food and wine. Our regions are the backbone of our state and the economic powerhouse that drives prosperity for all South Australians.

The Department of Primary Industries and Regions (PIRSA) is a key economic development agency working in partnership with our primary industries, regional stakeholders and across all levels of government to advance the prosperity and sustainability of South Australia's primary industries and regional communities.

We are a passionate team of around 800 people working across metropolitan and regional South Australia to develop and protect our state's regions and food, wine, aquaculture, fisheries, forestry, grains, livestock, dairy and horticulture industries.

Purpose

The primary purpose of the Senior Technical Business Analyst role is to provide high-level specialist technical and business analysis for complex ICT initiatives involving database platforms, backend architecture and cloud or hybrid infrastructure. The role exercises independent judgement to analyse current-state systems, define business, technical and data requirements, assess migration options and contribute to future-state solution design for SQL and Oracle database environments.

The role provides authoritative advice and decision-ready analysis to support ICT leaders, project sponsors and architecture stakeholders in understanding business needs, technical constraints, platform dependencies, implementation impacts and viable architecture options, including as-is and to-be states.

The role supports PIRSA's digital transformation objectives by leading technical discovery and migration analysis, providing expert analysis and architecture options, reducing complex technical and operational risks, and enabling informed ICT planning, investment and technology decisions across cloud and database environments.

Key Accountabilities

- Lead high-level business, technical and data analysis for complex ICT initiatives involving SQL Server, Oracle, cloud and hybrid database platforms.
- Exercise independent judgement to analyse current-state systems, database architecture, platform dependencies, interfaces, data flows and operational constraints.
- Develop and evaluate future-state options for database platforms, migration pathways and technical solution approaches, ensuring alignment with business outcomes, ICT strategy and architecture principles.
- Provide authoritative advice, recommendations and decision-ready documentation to support senior stakeholders, project sponsors and ICT governance groups.
- Lead technical discovery and migration analysis, including scope definition, sequencing, data validation, cutover considerations, acceptance criteria and implementation dependencies.
- Identify, assess and escalate complex technical, data, integration, security and operational risks, and develop mitigation strategies to support successful delivery.
- Influence and guide business stakeholders, architects, database administrators, infrastructure specialists and vendors to resolve complex issues and agree practical transition pathways.
- Prepare and present as-is and to-be architecture options, including benefits, risks, assumptions, implementation impacts and recommended approaches.
- Contribute to continuous improvement of technical analysis, requirements management, migration planning and architecture option assessment practices across ICT initiatives.
- Provide technical leadership and mentoring in business analysis practices, contributing to capability development across ICT teams and project initiatives.

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Key Deliverables / Results

- Current-state assessments for SQL Server, Oracle, cloud and hybrid database environments are completed within agreed timeframes and demonstrate sound analysis of architecture, dependencies, interfaces, data flows, security implications and operational support requirements.
- Complex business and technical issues are investigated, documented and analysed so that risks, constraints, opportunities, business impacts and recommended improvement actions are clearly identified for decision makers.
- Business, data, integration and technical requirements are documented, prioritised, baselined and traceable to agreed business outcomes, architecture principles and project deliverables.
- As-is and to-be architecture and migration option papers are prepared to a decision-ready standard, clearly setting out benefits, risks, assumptions, dependencies, costs, implementation impacts and recommended transition pathways.
- Stakeholder workshops, briefings and decision papers are delivered to a high standard and support informed, timely decisions by business stakeholders, technical specialists, project sponsors and ICT governance groups.
- Database migration scope, sequencing, validation, cutover and transition requirements are documented, tracked and maintained so delivery remains within agreed scope, schedule, quality and risk tolerances.
- Technical, data, security, integration and operational risks are identified, assessed, assigned owners and escalated in accordance with project, architecture and ICT governance requirements.
- Test scenarios, acceptance criteria and data validation requirements are completed before agreed implementation or migration milestones and support successful transition to operational support.
- Lessons learned, reusable artefacts and improvement opportunities from technical analysis and migration activities are captured, shared and applied to strengthen future ICT delivery practices.

Relationships

- Role reports to Manager, ICT Portfolio & Suppliers.
- Works closely with other members of ICT, including Application Developers, Technical Consultants, Database Administrators, Solution Architects, Infrastructure Specialists and Cyber Security specialists.
- Builds strong relationships with key customers of the branch, including executives and senior managers, to ensure that opportunities for the use of IT are identified.
- Works closely with internal PIRSA customers associated with ICT projects.

Requirements

- Possession of a current driver's licence and willingness to drive.
- Out of hours work and inter / intrastate travel may be required.
- Australian residency or current works permit is required (responsibility of applicant to provide evidence of a current work permit).
- You acknowledge your work, health and safety obligations and our expectations.
- The incumbent will be required to undertake emergency management training and must be willing to participate in emergency preparedness, response and recovery activities required by government agencies.

Qualifications

- Essential: Nil
- Desirable: Qualification in Information Technology, Computer Science, Information Systems or a related discipline.
- Desirable: Certification in Business Analysis, Project Management or Agile delivery methodologies (e.g. CBAP, PRINCE2, AgileBA, Scrum).
- Desirable: Experience in SQL Server and Oracle database environments, including cloud migration or transformation initiatives.

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Capabilities

Capability	Behaviours
Professional & Technical Knowledge Applies advanced specialist technical and business analysis expertise to complex database, cloud and hybrid environments, providing authoritative advice and practical recommendations that inform architecture, migration and investment decisions.	• Applies advanced knowledge of SQL Server and Oracle backend architecture, including database dependencies, interfaces, data flows, performance considerations, security implications and operational support requirements. • Exercises sound professional judgement to assess complex database environments and recommend feasible migration options across on-premises, cloud and hybrid platforms. • Prepares, reviews and assures complex technical artefacts, including current-state assessments, future-state architecture options, migration requirements, test plans, implementation dependencies and risk assessments. • Analyses business systems, technical processes and platform constraints to identify improvements that support strategic business outcomes, reduce operational risk and improve ICT service resilience. • Develops and presents evidence-based architecture options, including as-is and to-be states, benefits, risks, assumptions and recommended transition pathways for technical and non-technical stakeholders. • Applies advanced business analysis methods, tools and practices to manage complex business, data, integration and technical requirements across the delivery lifecycle.
Business Situation Analysis & Requirements Management Leads the investigation, analysis and management of complex business, data, integration and technical requirements, applying structured methodologies to develop evidence-based recommendations, prioritise outcomes and support the successful delivery and operation of ICT initiatives.	• Leads the investigation and analysis of complex business and technical situations, applying appropriate methodologies to assess current-state environments, define future-state options and develop evidence-based recommendations. • Leads the scoping, elicitation, analysis and prioritisation of business, data, integration and technical requirements, ensuring alignment with business outcomes, architecture principles and delivery objectives. • Synthesises business, technical and operational information to identify risks, constraints, dependencies and opportunities, and negotiates requirements, priorities and trade-offs with stakeholders to achieve practical outcomes. • Establishes and maintains requirements baselines, validates findings and manages changes through appropriate governance processes, ensuring impacts on scope, schedule, cost, quality and risk are assessed and communicated.
Stakeholder Relationship Management Builds and manages effective relationships with senior business and technical stakeholders, influencing decisions, resolving issues and supporting agreed business and ICT outcomes.	• Develop and maintain influential relationships with executives, senior managers, project sponsors, ICT leaders, vendors and other stakeholders to support technology decisions and business outcomes. • Plan and manage stakeholder engagement across business, technical and governance groups, ensuring effective collaboration, consultation and decision-making. • Facilitate negotiation and consensus between stakeholders with differing priorities, constraints and technical perspectives to resolve complex issues and achieve agreed outcomes. • Provide authoritative briefings, option analysis and recommendations that translate complex technical information into practical advice and influence strategic and operational decision-making.
Project Management Applies project and program delivery disciplines to lead complex technical analysis and migration workstreams, ensuring governance, risk and stakeholder requirements are effectively managed.	• Plans, coordinates and monitors complex technical workstreams or sub-projects, ensuring activities are aligned to agreed scope, schedule, quality, cost and risk parameters. • Applies appropriate project management, governance and reporting practices to support effective delivery of database migration, technical analysis and architecture option activities. • Identifies, assesses, manages and escalates delivery risks, issues, dependencies and constraints, taking corrective action where tolerances may be exceeded. • Coordinates stakeholder input, technical resources, vendor activities and project artefacts to support timely decisions, controlled implementation and transition to operational support.

HRMS No:		**ANZCO Code:**		**Objective**	

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			ID:	
Delegate Approval:			**Date:**	02/10/2026
Approved and Classified by People and Culture:	Kate Gautier, Senior HR Business Partner, 29 September 2026			

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