



Job description

Department of Finance Office of State Revenue

Position number 00031264

Revenue Analytics Specialist

Position details

Classification/level	5
Award/agreement	PSA
Organisation unit	Business Intelligence Solutions
Physical location	Perth Metropolitan Area
This role supervises (FTE)	0

Reporting relationships

Supervisor	
Position number	00008742
Position title	Senior Business Intelligence Developer
Classification/level	6

Our Values

Our people and our values are at the core of the actions, behaviours and decisions we make and shape everything we do at the Department of Finance.

- Inspiring and Influential
- Passionate and Committed
- Honest and Respectful
- Bold and Innovative

Keyword description

Undertakes statistical modelling and analysis to extract knowledge and insights from State Revenue's production and business intelligence data. Contributes to the implementation of predictive analytics solutions within State Revenue's business intelligence system.

Organisational context

The Department of Finance's vision is driving practical, cost-effective and quality outcomes across government to benefit Western Australians.

The Department of Finance encompasses a variety of businesses:

- Office of the Director General
- Strategic Projects
- Building Management and Works
- Government Procurement
- Office of State Revenue
- Strategy and Coordination
- Corporate Services

This role is positioned within **The Office of State Revenue**. OSR's primary role is in the administration of revenue laws in a fair and efficient manner for the community of Western Australia. This involves the collection of payroll tax, duties, land tax and a range of statutory based revenues on behalf of other State and Commonwealth agencies, as well as the payment of various grants and subsidies including the first home owner grant.

Further information on Finance business units is available by visiting www.finance.wa.gov.au.

Work description

Data Analysis

Develops a sound understanding of State Revenue operations and modelling taxpayer non-compliance;

Conducts ad hoc evaluation and analysis of data and information for State Revenue;

Conducts research support for specific revenue projects and initiatives;

Contributes to the investigation and development of advice on Compliance policies, issues and strategic directions.

Data Visualisation

Engages in the design of reports/dashboards;

Provides advice to the Senior Business Intelligence Developers in the construction of reports/dashboards.

Mathematical/Statistical Modelling

Conducts statistical modelling and data analysis that supports strategic project initiatives;

Works with stakeholders in State Revenue, tests and evaluates predictive models and provides advice on their implementation;

Develops predictive models and solutions that can be applied to State Revenue's business intelligence system;

Develops processes and tools to monitor model performance, making adjustments when required;

Extracts, analyses and models operational data using mathematical/statistical techniques to drive optimisation, providing advice on the development of benchmarks, trends, risk profiling, and sampling methodologies;

Assesses the accuracy of new data sources and provide advice on its effective use.

Other

Ensures good human resource management and risk management principles are practised in accordance with Departmental policies and guidelines.

This position applies equal opportunity, occupational safety and health and ethical principles and practices in all aspects of this role whilst assisting in providing a fair, safe, enjoyable and innovative workplace.

Other duties as required, including data cleansing and functional testing.

Work related requirements

A clear demonstration of the Department's values is a prerequisite for appointments.

Essential:

Experience in the data analysis, mining and model building process, specifically in relation to machine learning techniques and algorithms with demonstrated use in practical applications.

Knowledge of statistical techniques, concepts and models, together with their use in practical applications and analysis.

Experience applying problem solving skills in a business intelligence environment, interacting with multiple data sources and types with the ability to query databases and use supporting languages such as SQL and/or R.

Demonstrated experience in visualising and reporting on data from complex information systems/sources.

Good interpersonal and communication skills with the ability to work independently and as part of a team.

Desirable:

Possession of, or progress towards a statistics, mathematics, data science, actuarial science, or other relevant qualification.

Experience in using SQL in an Oracle database environment for data extraction, manipulation and reporting.

Experience in using business intelligence and data visualisation software such as Oracle BI or Power BI.

Experience using data mining programs/platforms.

Pre-employment requirements

'Australian Permanent Residency'; status is a minimum requirement for permanent appointment to the WA Public Sector. However, for appointment on a fixed term contract or casual basis, applicants only require a valid Work Visa for the duration of the entire advertised term.

Appointment is subject to:

100 point identification check; and

Criminal Records Screening clearance

Special equipment/requirements

NIL

Certification

Verified by: *T. Jenkin* Senior HR Consultant