

JASON TSANG

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PROFESSIONAL SUMMARY

Accomplished Senior Data Analytics Consultant with a proven track record of delivering end-to-end data pipelines and high-stakes compliance modeling at PwC. Expert in engineering Python models, optimizing SQL/Azure workflows, and translating complex historical datasets into executive dashboards. Recognized for technical leadership in mentoring project teams and engineering robust validation logic to ensure strict regulatory compliance.

TOOLBOX

Languages & Frameworks	Python, SQL (MySQL, T-SQL), PySpark, dbts
Data Engineering & Cloud	Azure, Azure DevOps, Databricks, Alteryx, Airbyte, Docker, Git, CI/CD
BI & Visualization	Power BI, Tableau, Qlik

PROFESSIONAL EXPERIENCE

PwC Australia <i>Senior Consultant, Data Analytics</i>	Dec 2022 – Present <i>Sydney, Australia</i>
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- Spearheaded the end-to-end refactoring of a core Python multi-processing module, modularizing package structure and implementing robust, process-safe logging; boosted code maintainability and improved execution speed by 30%.
- Translated complex wage remediation models into interactive executive dashboards, enabling clients to evaluate compliance against Fair Work Ombudsman (FWO) regulations and Enterprise Agreements (EAs).
- Served as the primary technical liaison between cross-functional business units and engineering teams to map out and deliver data solutions.
- Mentored and upskilled 2+ junior consultants in Python modeling, and robust Alteryx workflow design, establishing strict code review and validation standards.

<i>Consultant, Data Analytics</i>	<i>Sydney, Australia</i>
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- Architected end-to-end Azure pipelines to automate complex analytical workflows, integrating SQL-based input caching and automated multi-scenario validation loops.
- Engineered robust ETL pipelines utilizing SQL and Databricks to extract, clean, and model large-scale historical datasets, ensuring data integrity for downstream compliance reporting.
- Developed automated Python validation frameworks that eliminated manual reconciliation efforts, achieving an 80% reduction in processing time and minimizing human error.
- Designed user-centric Power BI and Qlik dashboards to translate complex model outputs into accessible, actionable insights for key corporate stakeholders.

Australian Group Insurance <i>Group Insurance Analyst</i>	October 2022 - December 2022 <i>Sydney, Australia</i>
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- Conducted detailed analysis and reconciliation of client data to ensure accuracy in premium calculation and compliance with policy terms.
- Performed quality assurance peer reviews, ensuring accuracy and consistency in premium calculations.

EDUCATION

University of Sydney Master of Commerce, Business Analytics & Finance WAM: High Distinction (87.5/100)	2020 - 2022
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University of New South Wales Bachelor of Actuarial Studies Minor in Finance	2017 - 2020
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INTERNSHIP EXPERIENCE

Sovereign Wealth Fund Institute Inc.

Finance Research Intern

January 2022 - March 2022

Remote

- Reviewed different funds' financial statements and entered data on assets under management.
- Wrote summaries and background on companies.

VOLUNTEERING

USYD Peering Mentoring Program

February 2022 - April 2022

- Shared valuable resources and tools weekly with 10 mentees, helping them gradually adjust their paces in the environment with strong empathy.
- Supported and provided advice on student's academic and career development.

USYD Industry Impact

February 2022

- Collaborated with 5 team members, and developed a strategy for Community Health to retain and attract volunteers post-pandemic.
- Conducted research on current volunteering patterns and competitors in Victoria.