

# Xu Xiao Chun, PhD

## Insights Analyst & Economist

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Sydney, Australia

### SUMMARY

Insights Analyst and Economist with a PhD in Econometrics and over 4 years in business analytics and financial services. Proven track record at Moody's and public sector roles in developing actionable insights through data modeling, visualisation, and forecasting. Recognised for skill in transforming complex datasets into interactive dashboards and reports that drive strategic decision-making for business and financial operations.

### TECHNICAL SKILLS

Financial Modelling | Economic Forecasting | Risk Analysis | Data Analysis Coding: SQL, R, Python, Excel, Power Query, VBA | Data Visualisation & Interactive Dashboards: Power BI, Tableau | Econometrics: MATLAB, EViews | Statistical Analysis | Financial Reporting: Bloomberg Terminal

### EXPERIENCE

#### Department of Employment and Workplace Relations, Sydney

Senior Data Analyst May 2024 – Current

- Collaborated with policy analysts to translate complex policy concepts into robust quantitative models, enabling data-driven insights and evidence-based policy recommendations.
- Developed customised models to quantify policy impacts, aligning analytical approaches with the strategic objectives of each policy initiative
- Analysed occupational mobility trends and career pathways, modelling reskilling opportunities, including gap and sensitivity analyses to maximise the employment opportunity frontier of Australian workers.
- Created interactive Power BI dashboards and Excel data models to empower policymakers and external educational institution partners to explore data and derive deeper understanding of reskilling opportunities.

#### Department of Communities and Justice, Parramatta

Senior Data Analyst December 2022 – April 2024

- Designed and implemented live reporting systems, facilitating real-time data-driven evaluation of child protection programs' effectiveness.
- Completed a historical review of child protection programs by transforming raw data into meaningful insights, presenting findings through clear visualisations.
- Improved team's workflow efficiency and analytical quality by optimising coding practices.

#### Moody's Analytics, Sydney

Economist October 2018 – November 2022

- Communicated economic announcements and predicted market trends for investors and financial institutions in the APAC region. Synthesised insights from real-time economic data and modeled potential market impacts within 24-hour turnarounds, facilitating timely, data-backed strategic responses for clients under pressing market conditions.
- Led the regional APAC forecasting team in assessing macroeconomic risk for stress testing bank balance sheets under tight deadlines.
- Optimised forecasting processes, reducing detected inconsistencies by approximately 70%, which enabled us to handle a higher volume of stress tests without compromising on deadlines.
- Provided pre-sales support, contributing to securing contracts worth approximately \$5 million with major financial institutions, maintaining a 90%+ client retention rate through tailored, comprehensive support.
- Developed and managed economic training programs for over 100 client personnel annually, contributing to a 40% increase in user engagement and enabling faster client onboarding and self-sufficiency with Moody's Analytic tools and platforms.

University of New South Wales, Sydney

Lecturer

March 2018 — July 2018

- Lead lecturer for ECON3107/5016 Economics of Finance
- Designed coursework and assessments.
- Engaged with students and collaborated with tutors to reinforce lecture concepts, fostering a cohesive learning environment.

The Treasury, Canberra

Policy Analyst

January 2009 - December 2010

- Analysed and presented briefings on macroeconomic and financial matters, focusing on monetary and fiscal policy implications for the banking sector.
- Modelled funding costs and net interest margins for the major four banks, providing comprehensive reports on trends and impacts.

EDUCATION

University of New South Wales, Sydney

2011 - 2016

PhD in Economics

Title: Essays on the Australian Economy  
Research field: Applied macroeconomics, computational modelling  
Cumulative WAM of 83.750

University of New South Wales, Sydney

2005 - 2008

Bachelor of Economics

Majors in Economics (Honours Class 1) and Finance  
Cumulative WAM of 83.817

CERTIFICATIONS & AWARDS

- Microsoft Certifications: DP-900 (Azure Data Fundamentals), PL-300 (Power BI Data Analyst)
- Australian Postgraduate Award (2011-2014)
- Focus Economics Analyst Forecast Awards 2020 - #3 Best Overall Forecaster - Hong Kong
- Moody's Analytics Employee of the Month (September 2019, April 2022)
- Baseline security clearance