YAN ZHANG

Summary

PhD-qualified researcher with strong quantitative expertise and advanced analytical skills in Excel, SQL, R, Python, and Tableau. Experienced in delivering robust data analysis, visualisation, and insight-led reporting for evidence-based decision-making. Brings seven years of teaching experience, strengthening stakeholder relationships, communication, and presentation of insights. Work visa valid until May 2028.

Professional Experience

Lecturer   *08/2013 – 03/2020*
Guangdong Nanhua Vocational College of Industry and Commerce, PRC

- Delivered 3,500+ hours of teaching and was recognised by students as a favourite teacher in several classes.
- Contributed to 2 teaching-innovation projects from planning to execution, with evidence of increased student commitment to English learning.
- Coached students for provincial-level English writing competitions, supporting two mentees to achieve Provincial Third-Grade Awards.

Paymaster & Financial Admin   *03/2013 – 08/2013*
Hotel Nikko Guangzhou, PRC

- Managed payroll data for 200+ employees, ensuring accuracy, confidentiality, and compliance.
- Provided administrative support to the CFO and finance team, including records maintenance and coordination of financial reporting activities.
- Liaised across departments to ensure the timely and accurate flow of financial and operational information.

Projects

Māori Language Immersion in New Zealand Schools

- Cleaned data and conducted regression, cluster, and time-series analysis using Python to uncover trends and patterns in national education data.
- Mapped regional disparities and identified distinct school clusters by ethnicity mix and decile using Python and Tableau.

Instacart Online Grocery Market Analysis

- Prepared data and engineered features using Python to support customer segmentation and behavioural insights.
- Developed data visualisations in Python to communicate purchasing trends and forecasting outcomes.

Rockbuster Stealth LLC – Digital Transition Strategy

- Applied SQL queries, including subqueries, common table expressions (CTEs), and window functions, to filter, aggregate, and summarise relational datasets in response to business questions.

Preparing for Flu Season

- Cleaned and analysed influenza season data using Excel to identify seasonal trends and risk factors.
- Created Tableau dashboards to visualise regional variations and support public health response planning.

Awards

University of Auckland Doctoral Scholarship – Full tuition and stipend (3.5 years)

✉ sancheungedu@outlook.com
📞 022 492 8823
📍 Auckland, New Zealand

LinkedIn, Portfolio

- www.linkedin.com/in/yanzhangdata
- www.yanzhang.info

Skills

advanced Excel | MS suite | SQL | R | Python | SPSS | Tableau | Power BI

Education

Certificate in Data Analytics
CareerFoundry – Expected 12/2025

- Completed an intensive 500+ hour training in Data Analytics, including projects on data visualization and model development using advanced Excel, SQL, Python, and Tableau.

University of Auckland
PhD in Education – Expected 04/2026

- Conducted advanced statistical modelling of large-scale survey and policy datasets using R and SPSS.

University of Auckland
Master's Degree in Education – Graduated 02/2021

- GPA: 8.75/9.00

Deakin University
Master's Degree in Education (TESOL) – Graduated 05/2013

Guangdong University of Foreign Studies
Bachelor's Degree in English Education – Graduated 06/2012

Certification

Microsoft Power BI Data Analyst Associate Certificate – Awarded 08/2025

Volunteering

Manukau Cruising Club admin volunteer – Started 11/2025