Weisi Chen

Data Analyst
The university of New South Wales
School of population health
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Profile

Hard-working and highly disciplined professional with a strong passion for programming, data analysis, data visualization, and statistical modeling.
Leveraging a unique blend of training in pharmacy and health data science, I specialize in deriving actionable insights from complex datasets.
My current interest lies in population-level analysis using linked data to drive impactful health decisions and inform evidence-based strategies.

Work experience

July 2023 - Present	**The university of NSW**, Sydney, NSW Data scientist, School of population health
Feb 2023 - Dec 2023	**The university of Sydney**, Sydney, NSW Data scientist/research officer, School of pharmacy

Education & Training

2023   The university of New South Wales,   M.S health data science
Dissertation: *Changes in atherosclerotic cardiovascular disease risk over time among people living with HIV*
2019   The university of Sydney   B.S. Pharmacy

Research Interests

- **Programming & Data Analytics**
- **Data linkage studies using population-level data**
- **Pharmaco-epidemiology**

Skills

- **Complex data analysis**
- **Data visualization**
- **Statistical modelling**
- **SAS**
- **R**

Publications

[Google Scholar Profile](#)

A. Refereed Journal Articles

1. Huynh, A. L. H., Wang, Y., Ma, L., Low, Y. L. C., Chen, W., Fowler, C., Tan, E. C., Masters, C. L., Jin, L., & Pan, Y. (2024) "A comparison of an Australian observational longitudinal Alzheimer's Disease cohort to Community-Based Australian data." *Journal of Alzheimer S Disease.* 1–13. DOI: [10.3233/JAD-240241](10.3233/JAD-240241)

2. Lau, E. C., Chen, W., Lu, C. Y., Hilmer, S. N., Jeon, Y., & Tan, E. C (2024) "Antidementia and psychotropic drug use in older people with dementia in Australia: a national data linkage study" *Journal of the American Medical Directors Association.* 25 (11), 105237. DOI: 10.1016/j.jamda.2024.105237

3. Chen, W., Petoumenos, K., Somia, A., Edmiston, N., Chaiwarith, R., Woolley, I., Ross, J., Pujari, S., Boettiger, D. C. (2024) "Changes in atherosclerotic cardiovascular disease risk over time among people living with HIV" *Journal of Antimicrobial Chemotherapy.* 79(4), 897–902. DOI: 10.1093/jac/dkae049