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## EDUCATION

### **Doctor of Philosophy – Econometrics and Business Statistics**

Monash University

Aug 2021 — Present

- New principles and methods for complex data preparation and integration, with applications to official statistics, web-scraped data and satellite raster images
- Monash Data Futures Institute PhD Top-Up Scholarship (2021-2024)
- Expected submission date: Nov 2024

# WORK EXPERIENCE

## DATA SCIENTIST

**Freelance, Multiple Clients**

Jan 2020 – June 2021

Providing data collection, pre-processing, exploratory analysis and modelling services to clients in the early R&D stages of developing data driven products. Projects include:

- Data description and preliminary product feasibility insights for a start-up real estate bond platform; including assessing suitability of various property transaction databases for use in initial product prototype.
- Development of statistical anomaly detection regimes and key historical insights from internet quality time-series data for use in parametric insurance products, including documenting analysis tools in an R package.

## REFERENCES

Available upon request