



# Nicholas Lambert

Data analyst and R programmer

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Canberra, Australia

Patient about investigating patterns and anomalies, drawing insights from data, and solving complex problems. I'm a good communicator and collaborator with others in the team, as well as telling stories using data. I thrive in creative environments, where ideas are encouraged and shared. Building data products that add value to users and to me as a developer is critical to my work.

## SKILLS

DevOps Tools: ALM Octane

Languages: R, SQL, Python, SAS

Public speaking

Version Control: Git

Source Control Management Tools: GitHub, Bitbucket

Writing: Research Reports, Data Briefs, Methodology Papers

Collaboration Tools: Slack, Webex, MS Teams, Skype

Business Intelligence: Visio, Excel, PowerBI, Tableau, Lucid chart

## WORK EXPERIENCE

### Senior Data Analyst (Contractor)

Department of Health

2019 - Present

Workforce Data Analysis and Planning

#### Achievements/Tasks

- Embedded within the Health Demand and Supply Utilisation Pattern Planning Tool (HeaDS UPP) project team responsible for the development of a geospatially enabled web application
- Wrote version-controlled and reproducible research code using R programming language
- Deployed interactive data products (including Shiny dashboard applications) to RStudio Connect for internal users
- Experienced with Teradata SQL for ad hoc requests, data analysis, and creating table schemas and optimising queries using common table expressions and window functions
- Experienced with ALM Octane for DevOps management and supporting data product delivery
- Experienced working with version control systems like Git and source code management tools such as Bitbucket
- Applied statistical models to represent health sector data, including: generalised linear models, geographically weighted regression, system dynamics models and time series forecasting models
- Enabled clients to analyze patterns by building interactive data products, creating summary statistics and visualisations
- Produced reports of research and methodological papers for publication

### Senior Data Analyst

Department of Environment and Energy

2017 - 2019

Energy Statistics and Analysis

#### Achievements/Tasks

- Managed the continuity of *Australian Petroleum Statistics* reporting through the enactment of the *Petroleum and Other Fuels Reporting Act 2017*
- Actively engaged with domestic and international stakeholders on changes to the publication, planned data revisions, and industry trends and developments

### Macroeconomic Analyst

Australian Bureau of Statistics

2015 - 2017

Macroeconomic Statistics Research

#### Achievements/Tasks

- Provided advice and support for internal business areas with methodological or statistical problems
- Presented findings to methodological review boards and influenced internal statistical approaches, including: *Modern data edit and amendment processes for international trade statistics*, *Treatment of Australia's gold bullion exports: China's gold imports via Hong Kong*, *Better measuring international trade in construction services*, and *Spot price versus unit values in bulk commodity export*

## WORK EXPERIENCE

### International Investment Analyst Australian Bureau of Statistics

2011 - 2015

Balance of Payment and International Investment Position

#### Achievements/Tasks

- Processed, validated and reported on the equity, fixed income, and derivative statistics via the *Survey of International Investment*. The survey is a quarterly survey which collects information about investment activity into and out of Australia

## AWARDS & ACHEIVMENTS

### 15th Energy Statistics Course (2018)

International Energy Agency

- Selected to attend training in Paris on the methodologies and tools for collecting and organising energy data

### Award and Recognition for Acheivment in Auditing (2010)

Griffith University

- For obtaining the highest grade in the cohort

### Collaboration Award (2018)

Department of Environment and Energy

- Demonstrated active stakeholder engagement

### Academic Excellence Award (2008, 2010)

Griffith University

- GPA of 6.0 over two consecutive semesters

## COURSES

### IBM Professional Certification in Data Science (2019)

Coursera

### ArcGIS II: Essential Workflows (2020)

ESRI Australia

### Machine Learning Foundations: A Case Study Approach (2018)

Coursera

## EDUCATION

### Bachelor of Commerce, Bachelor of International Business Griffith University

2011