

Nicholas Lambert

Analyst/BI Developer

Patient about investigating patterns and anomalies. I enjoy telling stories using data. And 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.



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📍 Canberra, Australia

SKILLS

DevOps Tools: ALM Octane, Azure DevOps

Languages: R, SQL, Python, SAS

Version Control: Git

Source Control: GitHub, Bitbucket

Writing: Research Reports, Data Briefs, Methodology Papers

Collaboration Tools: MS Teams, Slack

Business Intelligence: Power BI, Tableau

Pull data: SQL, SQL Server, Power Query

Automation: R, Python, SAS scripts

WORK EXPERIENCE

Senior Data Analyst / BI Developer (contractor)

Department of Industry, Science, Energy and Resources

2021 - Present

Petroleum Data and Analysis

Achievements/Tasks

- Senior analyst supporting petroleum data analytics and statistical reporting functions
- Developed and deployed a tool that allows users to set up and simulate what-if scenarios to explore 'next-best' policy setting strategies
- Mentored junior analysts on reproducible analysis and taught Power BI (M, DAX, R script injection) for automation purposes
- Designed and implemented a machine-readable data extract to accompany statistical releases
- Recommended optimizations to IT teams to drive better outcomes for the analytical functions of the business area
- Integrated external APIs with data in our custody to redress data gaps and support the analysis functions
- Automated data commentaries to support consistent use of language and reducing the resource intensity of the process
- Built ad hoc Power BI dashboards that supported policy teams and executive leadership
- Established new capacity workspace so analysts could disseminate their Power BI products to users more effectively
- Developed and deployed a tool for storing data differences between snapshots (sent to external stakeholders) and live connections (used by internal stakeholders) so business could quantify the impact to key metrics

Senior Data Analyst (contractor)

Department of Health

2019 - 2021

Workforce Data Analysis and Planning

Achievements/Tasks

- Senior analyst contributing to the development of a geospatially enabled web application for workforce planning
- Developed R scripts and deployed on RStudio Connect for custom reporting
- Deployed interactive data products (including Shiny dashboard applications) to RStudio Connect to reveal business insights
- Developed custom Teradata SQL statements for reporting and analysis
- Recommended campaign optimizations to client teams to drive better performance
- Mentored junior analysts on tidy data principles and taught R for automation purposes
- Provided ad hoc statistical analysis for technical lead
- Authored research and methodological papers for publication
- Manipulated GB size files in RStudio that was not possible in Excel

WORK EXPERIENCE

Senior Data Analyst

Department of Environment and Energy

2017 - 2019

Energy Statistics and Analysis

Achievements/Tasks

- Senior analyst covering statistical reporting during transition from a voluntary to mandatory data collection model (the enactment of the *Petroleum and Other Fuels Reporting Act 2017*)

Macroeconomic Analyst

Australian Bureau of Statistics

2015 - 2017

Macroeconomic Statistics Research

Achievements/Tasks

- Provided analytical support to business areas on issues of concepts, definitions, data sources and methods used to prepare national statistics
- Authored and presented papers containing insights and analyses to drive methodological development of national statistics

International Investment Analyst

Australian Bureau of Statistics

2011 - 2015

Balance of Payments and International Investment Position

Achievements/Tasks

- Primary analyst on securities issues and portfolio data compiled from a survey on a security-by-security by country of investor basis

AWARDS & ACHEIVMENTS

15th Energy Statistics Course (2018)

International Energy Agency

- Selected for methodological training in Paris

Award and Recognition for Achievement 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

Machine Learning Foundations: A Case Study Approach (2018)

Coursera

ArcGIS II: Essential Workflows (2020)

ESRI Australia

EDUCATION

Bachelor of Commerce, Bachelor of International Business

Griffith University

2011