

# ASHLEY WRIGHT

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## LEAD DATA SCIENTIST SUMMARY

- Proven Data Scientist with 10+ years' experience leading end to end projects that met regulatory standards and drove up to \$5M in annual revenue.
- Led technical and commercial delivery across high performing data science teams, driving the end to end development of 4 machine learning models for [icirt](#) a product that generated \$2M in its first year.
- Managed the end to end delivery of customer focused bank transaction insights, overseeing the full Agile lifecycle, from sprint planning to retrospectives, to ensure timely, high quality business outcomes.
- Designed and delivered a Retrieval Augmented Generation (RAG) chatbot with built in guardrails to assist loan applicants with documentation requirements. Built using AWS Bedrock, EC2, LangChain, and a custom knowledge base. Live at [ashleyjwright.com](#).
- Showcased strong communication and stakeholder management skills in shaping global data science job profiles at Equifax.

## WORK EXPERIENCE

### Equifax - Data Science Lead

November 2021

- Collaborate with stakeholders to define and frame business requirements as an analytical and machine learning problems prior to designing and planning a solution for a suite of products which generates \$5M in annual revenue.
- Prioritized initiatives across 5+ workstreams by leveraging a time management matrix and evaluating business objectives, impact, urgency, and resource availability to ensure optimal alignment and efficiency.
- Lead, coach, and mentor 3 direct reports and project members in agile teams, through regular 1 on 1's, ad-hoc technical discussions, goal setting and performance reviews, formal and informal feedback, and weekly standups.
- Led the end to end delivery of 4 machine learning based scorecards which generated \$2M in its first year. This included providing technical leadership and expertise to enable a high performing team of two data scientists and establishing a feedback loop with SME's and key stakeholders to communicate and present ideas, insights and the impact of decisions.
- Managed and triaged complaints related to Equifax's machine and deep learning models, including delegating investigations, providing plain English responses, utilizing explainable AI and visualizations, and implementing model improvements when necessary.
- Leveraged cloud based analytics technology to automate the monitoring and visualisation of model and data based risk for Equifax' credit risk scorecards used in personal banking applications. Our team uses these Tableau dashboards to communicate insights to model and data governance forums.

### Data Scientist - PwC

February 2021 - November 2021

- Play a key role in delivering NAB's Enterprise Wide Risk Assessment through database modelling, engaging with data SMEs to source data from disparate sources and the cleansing and joining of data using Spark, SQL, Redshift and AWS.
- Collaborated with analytics partners to create a dashboard, showcasing key metrics for UBank's decision making.

### Research Fellow - Monash University

March 2014 - February 2021

- Engaged with external stakeholders to gather requirements and collaboratively design data driven solutions, while leading, coaching, and mentoring research staff to clean data, develop models, and effectively present their ideas. Additionally, developed a machine learning flood forecast model that improved the accuracy of flood forecasts across Australia by 3.9%.

## EDUCATION

### Doctor of Philosophy - Monash University

March 2014 - September 2017

Developed flood forecast models using both physical and machine learning modelling techniques.

### Bachelors of Engineering and Science - Monash University

March 2007 - November 2012

Majors: Civil Engineering, Applied Mathematics, Physics. First Class Honours

## SKILLS

Collaboration, Leadership, Stakeholder Management

Python, Git, SQL, Spark, Supervised/Unsupervised Learning, TensorFlow, LangChain, RAG

AWS - Redshift, Bedrock, Knowledge Base, GCP - BigQuery, DataProc Vertex AI