Luke Daws

Mobile: 0439 342 158 | **Email:** luke.daws@gmail.com | LinkedIn | GitHub

Objective

I have recently completed a Master of Data Science at RMIT University and I am looking to start using the skills I have been taught. I am fascinated by data analysis and enjoy finding patterns and meanings in all types of data. Since studying Applied Chemistry, with a focus on analytical chemistry, I have always wanted to delve deeper into the data produced, to discover meaningful insights. With my Master of Data Science, I am looking to take that passion for data exploration and use new techniques to find hidden insights and interesting patterns. I am capable of also developing methods to retrieve data that can be limited by various programs and am keen to sharpen those skills by applying them to a diverse range of projects.

Technical skills

Programming: Python, Java
Analytics: SQL, R, Weka, Excel, Power Bi
Cloud computing: Amazon web services (AWS), Google Cloud Service (GCS), Azure
Other Software: Microsoft office package, Photoshop, Premiere Pro

Education

MASTER OF DATA SCIENCE | 2020 | RMIT UNIVERSITY

- Classes focused on Big data Processing. Ranging from acquiring large data sets to preprocessing/manipulating them using cloud-based architecture.
- Dedicated classes to cloud computing. One class focused on Google Cloud Services and another on using Amazon Web Service.
- Explored various machine learning algorithms. Was taught how they worked and was given many opportunities get hands on experience in tutorials and lab but also used them on real world datasets in various assignments. We were shown many clustering and classification type algorithms, some include: DBScan, K-means, Decision trees, K nearest neighbours, Naïve Bayes, linear regression, and neural networks.
- Statistics including Time Series analysis, Regression, Multi-Variance Analysis among other models.
- Database concepts:
    - ER model
    - Rational model
- Research project with other departments at RMIT to scrape data from Netflix for analysis.
- Data science project involved gathering, preparing, exploring, modelling, and then presenting data.
- Taught by professionals in the industry.

BACHELOR OF SCIENCE (HONOURS) | 2014 | RMIT UNIVERSITY

- Honours project using Raman spectroscopy to detect Estrogens.
- Dedicated classes to analytical chemistry.
- Understanding and application of laboratory techniques and equipment.
- Clear and accurate recording of results and observations.
- Understanding of general laboratory housekeeping.
- Working independently and in teams.

BACHELOR OF FILM AND TELEVISION | 2008 | SWINBURNE UNIVERSITY

- Wrote, directed, and edited a 10-minute final year movie.
- Collaborated with others to create various short movies.
- Organised budgets and schedules.
- Learnt to use various film making software.

Experience

TEAM MEMBER – MAINTENANCE | MLC WEALTH | APRIL 2019 - PRESENT

- Complete transactional requests on customer's superannuation accounts.
- Maintaining a high accuracy transcribing data, including client information and legal documents.
- Servicing advisers, clients, employers, and other internal stakeholders.
- Use of in-house databases and software
- Actioning requests for information.
- Attending to customer enquiries.

PHARMACY TECHNICIAN | BAXTER HEALTHCARE | JANUARY 2016 – APRIL 2019

- Work under TGA approved conditions and work within GxP.
- Organising and running Process Validations.
- Aseptically compounding solutions.
- Picking and preparing of components for each prescription order.
- Packing of finished units for each prescription order including final inspection of products.
- Dispatching of prepared products.
- Working as part of the Continuous Improvement (CI) team:
  - Collecting and collating CI ideas.
  - Determining the validity and practicality of the CI ideas.
  - Helping to facilitate the implementation of viable improvements.

Extracurricular Activities

- Reading; fiction and non-Fiction
- Programming
- Film / Television
- Music
- Video Gaming

Referees

- Available on request