**Dane Pamuspusan**

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**PROFESSIONAL SUMMARY**

Graduate Data Analyst with a strong foundation in data processing, visualisation, and machine learning. Experienced in transforming raw datasets into actionable insights using Python, SQL, Power BI, and Excel. Proven ability to communicate with stakeholders, optimise business processes, and drive data-driven decisions.

**EXPERIENCE**

**Swoop Funding Australia - Data Analyst Intern December 2024 – March 2025**

* Collaborated with a team of 4 to clean and standardise 350+ product and customer financial document information across 1,000+ deals in internal system.
* Liaised with 75+ lenders and aggregators to enhance data accuracy.
* Boosted match results on the online marketplace from 4 to 40+ per customer journey via benchmark data improvements.
* Delivered actionable insights to key stakeholders with **Excel, Power BI, and Python**.
* Led in the creation of process documentation for data management processes on the Decision Rules Platform, developing user guides in Google Docs to aid in knowledge transfer and data consistency.

**EDUCATION**

**Bachelor of Computing Science (First Class Honours) February 2020 – June 2024**

**University of Technology, Sydney**

* Major in Artificial Intelligence and Data Analytics | **WAM 82.47**

**RESEARCH**

Honours Thesis - Vehicle Detection using Computer Vision

* Used YOLOv8n and ByteTrack to detect and track vehicles via Python.

Contribution to Published Research

* *Optimizing Renewable Energy Site Selection in Rural Australia: Clustering Algorithms and Energy Potential Analysis,* Energy Conversion and Management: X V.25 Jan 2025
* Focus on clustering algorithms and energy potential analysis.

**PROJECTS**

Pothole Detection

* Implemented object detection using Faster-RCNN in MATLAB.

**RELEVANT COURSEWORK**

Data Visualisation:

* Utilised **Tableau** to create useful visualisations in Data Analytics and Information System contexts.
* Completed initial data preprocessing, including cleaning and analysis, using **Excel**, utilising **Power Query** and **Tables**, as well as primary author and editor of the final report, collaborating with team to ensure accurate reporting of findings.

Machine Learning/Artificial and AI:

* Python: Data Processing with NumPy and Pandas.
* Utilised Machine Learning and Artificial Intelligence Models through popular frameworks such as **PyTorch**, **TensorFlow**, and **Keras.**

**SKILLS**

* **Programming Languages:** Python, SQL, HTML and CSS, JavaScript, jQuery, C++, Java
* **Tools & Software:** Tableau, Microsoft (Power BI, Excel, Outlook, Word, and PowerPoint), Google (Docs, Sheets, and Slides), Microsoft Visual Studio Code, Anaconda, Jupyter Notebook, Decision Rules
* **Machine Learning/AI:** Data Preprocessing, Data Wrangling, Model Training and Evaluation, NumPy, Pandas, PyTorch, TensorFlow, Keras, Scikit-learn
* **Soft skills:** Attention to Detail, Accuracy, Organised, Team Collaboration, Stakeholder Communication, Self-Motivated Learning, Customer Service

**PROFESSIONAL DEVELOPMENT**

* Google Data Analytics Certificate - 2023
  + Developed skills in Data-Driven Decision making, ETL Process, Python (Pandas), SQL, Tableau
* Australian Computer Society Student Membership - 2024
* Akkodis Microsoft AI Intensive Bootcamp - 2024
* PL-300 Power BI Data Analyst Associate Certification - **In Progress**

**INTERESTS**

Badminton | Basketball | Fitness | Gaming | Reading | Darts

**REFERENCES**

Available upon request