

Arish Acharya

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SKILLS

Programming Languages:	Python (Pandas, NumPy, Matplotlib), R
Databases:	MySQL, SQLite
BI & Visualization Tools:	Tableau, MS Excel (Pivot Table, VLOOKUP, Conditional Formatting)
Cloud Services & Data Analytics:	AWS, Azure (AZ-900 Certified), ETL

PROJECTS

- **Wildlife Incidents in Canberra:** I created a Python dashboard to analyze wildlife incidents in Canberra using Australian government data. The project included **data cleaning**, **exploratory analysis**, and **GIS mapping** to spot trends and peak times for kangaroo and wallaby incidents, aiding authorities in predicting and reducing these events.
- **Retail Sales Dashboard Analysis:** An Excel dashboard to analyze retail sales data, utilizing advanced **Pivot Tables** and dynamic charts. The dashboard provides key insights into sales trends, customer demographics, and product performance, enabling data-driven decisions.
- **Dog Breed Detector:** Developed a web-based game that allows users to identify dog breeds from images using the **Dog CEO API**. Built with a **React** frontend and a **Node.js** backend, the game features a responsive interface and stores user scores in a cloud-based database.
- **Edtech Platform:** Enhanced the EdTech platform **Paldip.com** for the University of Canberra by fixing bugs, integrating PostHog for analytics, and implementing QR code attendance tracking.

WORK EXPERIENCE

AusTriathlon	Canberra, Australia
Data Analyst	<u>March 2024 – July 2024</u>

- In collaboration with an **Olympic team analyst**, I developed an **automated** data processing system using **R** to analyze detailed race metrics, including lap times, race **patterns**, and **trends** specific to various locations.
- Analyzed domestic and international cycling race data across various formats, conducting comprehensive data cleansing and exploratory analysis to ensure accuracy and relevancy.

Shoes and Sox (Brand Collective)	Canberra, Australia
Sales Analyst	<u>August 2022 – February 2024</u>

- Led the **analysis** and interpretation of complex **sales data**, providing critical insights that guided strategic decision-making and directly contributed to the development of a new customer loyalty program.
- Central to the design and implementation of the loyalty program, which successfully boosted customer retention and increased engagement metrics by 10%
- I crafted detailed user guides for the newly implemented loyalty program, ensuring seamless integration and adoption across various store locations throughout Australia.

Nepal Oil Corporation	Kathmandu, Nepal
IT Operations Specialist	<u>November 2020 – November 2021</u>

- Successfully led Nepal's first government **ERP** implementation project, ensuring seamless integration and continuous operation with minimal downtime
- Provided training on **SAP Business One** to government employees, enhancing their proficiency and enabling more effective use of the ERP system.
- Oversaw all aspects of IT operations, ensuring the seamless functioning of networking, software, and hardware systems to support continuous business activities.

EDUCATION

University of Canberra , Canberra , Australia	<u>August 2022- June 2024</u>
Master of Data Science	
Major: Business Intelligence, Project Management, Sports Analytics	