

# Arish Acharya

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## SKILLS

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<b>Programming Languages:</b>	Python (Pandas, NumPy, Matplotlib), R, JavaScript
<b>Databases:</b>	MySQL, SQLite
<b>BI &amp; Visualization Tools:</b>	Tableau, MS Excel (Pivot Table, VLOOKUP, Conditional Formatting)
<b>Cloud Services:</b>	AWS, Azure (AZ-900 Certified)

## PROJECTS

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- **Wildlife Incidents in Canberra:** I developed a Python-based dashboard to analyze Australian government data focused on wildlife incidents in Canberra. The project involved **data cleaning**, **exploratory data analysis (EDA)**, and **Geographic Information System (GIS) mapping** identifying patterns, trends, and peak times for incidents involving species like kangaroos and wallabies, helping authorities predict and reduce incidents.
- **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

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

- 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.

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

- 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.

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

- 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

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