ABY
Data Analyst

☎ 0274083831
✉ ambiliarangathnarayanan@gmail.com
🌐 https://ambilian.github.io/myportfolio/project.html
in https://www.linkedin.com/in/ambilian/

PROFILE

Naturally inquisitive analyst with over 3 years of analytical experience in delivering evidence-based insights by developing feature layered dashboards across operational, commercial, public & logistics sectors in New Zealand. Highly skilled in **SQL, Power BI, Tableau, Python, R** and **cloud technology Azure** consistently delivered actionable data insights along with KPI reporting skills on both quantitative and qualitative data, with eye catching visualization for both technical and non-technical stakeholders with a natural ability to cultivate relationships and meaningful collection across all levels of organizational structure.

EDUCATION & CERTIFICATION

Master's in Business Data Science University of Otago 2023 -2024 NWZ

Bachelor in Information & Technology University of Calicut 2003-2007 India

Microsoft Certified Power BI Data Analyst

Microsoft Certified Azure Fundamentals

TECHNICAL EXPERTISE

Python ,R
SQL (SSIS, SSRS, SSMS)
Power BI , Tableau, Excel
Azure Data Lake, Azure Data Factory, GitHub
Statistical and Machine learning skills

ANALYTICAL SKILLS

Data-informed decision-making
Data Modelling & Insights Reporting
Data Analysis & Visualisation
Stakeholder Engagement
Data Quality, Governance & Documentation

PERSONAL DETAILS

Address : 93 Bayview Road, Dunedin, New Zealand

Work Permit: Valid till 18th April 2027 (Client No - 78923332)

Driving License: Class 1 Category (ED153202)
References: Available upon request

EXPERIENCE

Business Intelligence Analyst   **MVP Studio**   **Nov 2025 – Present**
- Ongoing project on building End to End financial **BI drill-down dashboard** using power BI for the product & finance managers, by conducting an Exploratory data analysis on approx. 1M financial records and generating metrics to track the market such as the **pricing trends**, **trading volume** and **market capitalisation**.
- Designed a ETL pipeline for the star schema model database using **Python** and **SQL** with **data validation** and **optimising the performance**.

Data Insight Analyst (Contract)   **NPO Factorial (New Zealand)**   **Jun 2024 - Oct 2025**
Project: MBIE Immigration Department
- **Improved the operational efficiency by 30%** of Policy & Workforce Planning Team of MBIE, by developing a **featured layered Power BI dashboards** and integrating it with Azure Data Lake to get insights on the visa applications revealing the demographic patterns and skill distribution of the applicants and comparing it with the workforce in the NZ job market to support workforce planning and strategic analysis.
- Automated a **ETL** pipeline using **Azure Data Factory** and implemented incremental refresh resulting in **40% increase in the load time** by complying with data quality using SQL and Python and governance policy at every stage of the process and doubled the application rate and lowered the erroneous data entries by 98%.
  Project: HR Project for Emerge Aotearoa
- **Improved employee performance by 20%** by doing an EDA and cleaning using **SQL** and **Power BI** on the employee data revealed that a failure to attend the quarterly training lowered the performance of the employees and recommended compulsory training schedule, **resulting in a 40% increase in attendance as well.**

Data Analyst (Internship)   **True Value Cars (New Zealand)**   **Nov 2023 – May 2024**
- **Helped achieve a CPA of 4.1 and optimize budget allocation** by building a Power BI marketing performance dashboard. Analyzed over $1M spent on campaigning to help the marketing team to **understand cost efficiency** by getting insights on the **channels performance, conversion trends**.
- **15% increase in sales and delivered recommendations on the slow-moving stocks** by conducting analysis on large scale transactional and operational data (10K+ records) for the **sales and operational** team to get insights on ASP (Average Selling Price), Gross Margin, best pricing strategies to be implemented, understand the stock movement, Inventory Turnover Ratio and identify aging stocks.

Data Analyst   **Plumcot IT (India)**   **Aug 2021 – Feb 2023**
Project: Plumcot ERP Solution & POS Solution
- Deciphered ERP product data to help the marketing team to track the churn, retention and other KPI's related to market performance and built multi-dimensional cross-platform dashboards and using Power BI & Tableau.

SELECTED ANALYTICS PORTFOLIO PROJECTS (Ctrl + Click on the project to view the full project)

HOUSING & TENANCY MANAGEMENT PROJECT Analysed New Zealand data having 10K Tenants with 499 Properties using **power BI**, integrating financial, operational and compliance data and discovered Bay of Plenty followed by Otago contributing to the highest rent revenue, with 3248 active tenancies showing strong occupancy.

END TO END SALES PERFORMANCE Deciphered a $9.4 million sale of Automobile accessory industry across different countries and products and observed a 39.21% increase of sale compared to previous year with a healthy ROI. Conducted an YoY analysis on product levels and recommended a review of cost structure for the lower margin categories using **Power BI**.

DRINKING WATER ANALYSIS PROJECT(DWAP) A **Python** project on plumbosolvency (lead content in water) with more than 7K entries of water samples from Christchurch council, which was analysed using machine learning techniques using various regression models to identify pattern and for future prediction of Lead content. It was found that water temperature had a direct correlation with Lead content and a spike beyond the MAV (Maximum Accepted Value) between 2008 and 2010.