

SUDEEP RAI

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Work Rights: Full-time | Australian Graduate Visa Subclass 485

PROFESSIONAL SUMMARY

Data Analyst & Business Intelligence (BI) Developer with hands-on experience in data management, SQL, Power BI reporting, and Azure-based data analytics, delivering insights that support data governance and operational efficiency. Skilled at developing secure, scalable dashboards, optimising data workflows, and translating complex datasets into meaningful insights that support clinical, financial, and operational decision-making.

KEY SKILLS & STRENGTHS

a. Data Management & Governance

- Data modelling, RLS implementation, schema design, KPI reporting and dashboard development
- Power BI workspace security, version control and refresh automation
- ETL automation, Anomaly detection, Metadata tracking and records lifecycle management

b. Tools & Technologies

- Power BI (DAX, Power Query), Excel, SQL (Joins, CTEs, Window Functions), Tableau
- Azure (Data Factory, Data Lake Gen2, Databrick, PySpark SQL, Delta Lake)
- Python (Pandas, NumPy, Scikit-learn, Matplotlib), Streamlit, GitHub

c. Soft Skills

- Agile delivery, stakeholder collaboration, technical documentation, data storytelling
- Verbal/ written communication, analytical thinking, problem solving

WORK EXPERIENCE

1. Business Data Analyst (Intern)

Oct 2024 – Jan 2025

Innovative Creative Desk (INCDESK) | Minto, NSW

- Developed interactive Power BI dashboards and executed SQL queries, reducing manual reporting effort by 30% and accelerating campaign performance visibility.
- Designed Power Query-driven ETL logic to stabilise daily data updates, cutting refresh errors by 40%.
- Boosted marketing ROI by 15% by segmenting customer profiles and analysing engagement trends across 100+ ad creatives.
- Drafted reporting uptime documentation and resolved ETL incidents, contributing to 75% availability.

2. Cleaner

Mar 2022 – Present

Tru Brite | Cove Apartments | The Rocks, NSW

- Enhanced operational efficiency by 75% by optimising communication and workflow sequencing.
- Reduced service complaints by 80% via engagement and feedback management.

3. Online Shopper & Stock Replenishment

Woolworths CFC | Mascot, NSW

- Tracked inventory using RF scanners, improving forecasting accuracy by 80%.
 - Ensured 95% order accuracy using RF scanners, reducing processing time by 30%.

May 2021 – Mar 2023

PROJECTS

1. Hospital Patient Analytics

SQL & Power BI | [GitHub](#)

- Executed 10+ SQL queries across 974 patient records, increasing reporting efficiency by 35%.
 - Built an interactive Power BI dashboard with slicers, and KPIs, reducing manual reporting by 60%.

May - Jun 2025
2. Airline On-Time Performance Analytics

Azure Cloud & PySpark SQL | [GitHub](#)

- Built a scalable Azure pipeline (Data Factory, Data Lake, and Databricks) to analyse increasing ingestion throughput by 45% across 12+ years of flight data.
 - Processed 3.4M+ flight records with PySpark SQL to uncover seasonal delays, cancellations, and underperforming routes.
 - Automated GitHub-based ingestion of 11 big data files using Entra ID, LookupGit, and ForEachGit, reducing manual handling by 80%.

May 2025
3. FraudShield—ML: AI Powered Fraud Detection System

Python, Machine Learning & Streamlit | [GitHub](#)

- Built a fraud detection model in Python/Scikit-learn with 94.73% accuracy and 94% recall.
 - Reduced false positives by 30% through data cleaning and feature tuning.
 - Deployed a Streamlit dashboard to deliver real-time visual fraud alerts with 85% precision.

May - Jun 2025

EDUCATION/QUALIFICATION

- Bachelor of Software Engineering (Artificial Intelligence)

Torrens University, Ultimo, NSW

Jan 2024
- Professional Year Program (Information Communication Technology)

Queensland International Business Academy, Sydney

Mar 2025
- Diploma in Information Technology & Advanced Diploma in Networking

Ransford College, Parramatta, NSW

Feb 2021

CERTIFICATIONS

- Alteryx Foundational Micro-Credential – Alteryx
- Modern Data Science with SAS Viya Workbench and Python – SAS
- Data Analytics Essentials – Cisco
- Azure Data Fundamentals: Data Analytics – Skillsoft
- Project Management Foundations – LinkedIn
- Fostering a Growth Mindset in the Age of AI – Skillsoft
- Agile Principles and Methodologies – Skillsoft

REFERENCES

Provided upon request.