# SUDEEP RAI

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

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## PROFESSIONAL SUMMARY

Data Analyst & Business Intelligence (BI) Analyst 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
   - Power BI workspace security and refresh automation
   - 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, Databrick, PySpark SQL)
   - Python (Pandas, NumPy, Scikit-learn, Matplotlib, Streamlit)
   - GitHub

c. **Soft Skills**
   - Agile delivery, stakeholder collaboration, documentation
   - 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**                    May 2021 – Mar 2023
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%.

## PROJECTS

**1. Hospital Patient Analytics**                              May - Jun 2025
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%.

**2. Airline On-Time Performance Analytics**                   May 2025
Azure Cloud & PySpark SQL | GitHub
- Built a cloud pipeline using Azure Data Factory, Data Lake, and Databricks, 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%.

**3. FraudShield—ML: AI Powered Fraud Detection System**       May - Jun 2025
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 correlation.
- Deployed a Streamlit based dashboard to deliver real-time visual fraud alerts with 85% precision.

## EDUCATION/QUALIFICATION

- **Bachelor of Software Engineering (Artificial Intelligence)**        Jan 2024
  Torrens University, Ultimo, NSW
- **Professional Year Program (Information Communication Technology)**   Mar 2025
  Queensland International Business Academy, Sydney
- **Diploma in Information Technology & Advanced Diploma in Networking** Feb 2021
  Ransford College, Parramatta, NSW

## 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.