

# SUDEEP RAI

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

## PROFESSIONAL SUMMARY

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Data Analyst & Business Intelligence (BI) Developer with hands-on experience in in SQL, Power BI, Python, and Azure-based analytics. Skilled at translating complex datasets into actionable insights, designing scalable dashboards, and streamlining ETL processes. Proven success in data-driven projects across healthcare, aviation, and public sector environments. Adept in stakeholder collaboration, documentation, and delivering value through clean, governed data.

## KEY SKILLS & STRENGTHS

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### a. Data Management & Governance

- Data modelling, schema design, RLS, KPI reporting, dashboard development
- Power BI workspace security, refresh automation, version control
- ETL automation, anomaly detection, metadata tracking

### 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

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### 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

May 2021 – Mar 2023

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

## PROJECTS

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- 1. Hospital Patient Analytics**

SQL & Power BI | [GitHub](#)

May - Jun 2025

  - 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**

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

May 2025

  - 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%.
- 3. FraudShield—ML: AI Powered Fraud Detection System**

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

May - Jun 2025

  - 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.

## EDUCATION/QUALIFICATION

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- 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

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- 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

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Provided upon request.