**SUDEEP RAI**

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# Summary

I am looking for a Data Analyst and Business Analyst role where I can apply my expertise in data analysis, business intelligence, and process optimization to drive meaningful insights and improve decision-making. With a background in Software Engineering and a specialisation in Artificial Intelligence, I have hands-on experience with SQL, Python, Power BI, Tableau, and Excel. I thrive on solving complex problems, collaborating with stakeholders, and continuously learning to stay ahead in the field. My goal is to contribute to business growth by turning data into actionable strategies that enhance efficiency and performance.

# Skills

**Data Analysis & Programming:** SQL, Python (Pandas, NumPy, SciPy, Matplotlib), PySpark

**Business Intelligence & Reporting Tools:** Tableau, Microsoft Power BI (DAX, Power Query), Google Analytics, Alteryx

**Microsoft Tools:** Excel (XLOOKUP, VLOOKUP, Pivot Tables, Conditional Formatting, VBA macros), MS Office

**Cloud & Database:** AWS (EC2, S3), Azure

**ETL & Data Processing:** Data Cleaning, Data Transformation, Data Modelling, ETL Tools

**Statistical & Machine Learning Techniques:** Statistics, Probability, Linear Regression, Predictive Modelling, Data Science

**Creative & Communication Tools:** Canva, CapCut

**Project Management Tools**: Jira, Smartsheet

# Work Experience

**Business Data Analyst (Internship) Oct 2024 – Jan 2025**

**INCDESK | Hybrid (Minto, NSW 2566)**

* Analysed 1000+ sales records, improving revenue forecasting accuracy by 50% using SQL, Excel, and Power BI.
* Worked closely with stakeholders to identify business needs and developed solutions that led to a 25% improvement in customer engagement.
* Conducted a survey with 500+ responses, leading to a 25% improvement in customer engagement.
* Increased ROI by 40% by optimising Facebook & Instagram ad campaigns, reducing cost per click by 15%.

**Residential Apartment Cleaner Mar 2022 - Present**

**Cove Apartments, The Rocks, Sydney NSW 2000**

* Led a small team, improving operational efficiency and problem-solving skills while ensuring high-quality service.
* Introduced innovative solutions, reducing resident complaints by 80% and increasing satisfaction ratings by 25%.
* Managed inventory and budgeting, ensuring optimal stock levels and cost-efficiency.
* Cultivated strong communication skills by regularly engaging with 50+ residents and site management.

**Woolworths – Online shopper and stock replenishment May 2021 – Mar 2023**

**Mascot Woolworths CFC, Mascot NSW 2020**

* Reduced inventory differences by 25% through systematic tracking and improved stock management.
* Improved reporting efficiency by 40% through automated data extraction and analysis using RF scanners.
* Maintained stock levels and ensured efficient product rotation, reducing wastage by 15%.

# Projects

**Coffee Sales Dashboard |** [**GitHub**](https://github.com/RaiSudeep/coffee-dashboard-pbi) **Feb 2025**

* Developed a Power BI dashboard to analyse 50,000+ sales transactions, identifying a 12% increase in weekend sales over six months.
* Tracked $500K+ in revenue across three NYC locations, uncovering best-selling products and seasonal trends.
* Used DAX for calculated measures and enhanced data analysis capabilities.

Hospital - Monitoring Inpatient/ Outpatient Waiting Lists | [**GitHub**](https://github.com/RaiSudeep/Hospital-Monitoring-Inpatient-Outpatient-Waiting-Lists) July 2024

* Integrated and cleaned data from Excel using Power query, reducing data preparation time by 40%.
* Developed real-time Power BI dashboards, improving decision-making speed by 30% and enhancing visibility of waiting list trends.
* Implemented Row-Level Security (RLS) and published on Power BI Service, reducing manual reporting time by 50% and ensuring secure, up-to-date insights.

# VOLUNTEER WORK/EXTRA CURRICULAR ACTIVITIES

**PwC Switzerland - Power BI Job Simulation on Forage August 2024**

* Designed Power BI dashboards to visualize KPIs, addressing client needs and improving decision-making efficiency by 25%
* Delivered clear insights through email and presentations, accelerating client understanding and response time by 20%.

**Accenture North America - Data Analytics and Visualisation Job Simulation** **on Forage July 2024**

* Cleaned, modelled, and analysed datasets to uncover insights for a social media client, informing strategic decisions.
* Developed and presented a PowerPoint deck that effectively communicated key insights.

**Data Analytics Bootcamp on Alex the Analyst Jun 2024**

* Mastered advanced SQL techniques and Excel data analysis through hands-on projects.
* Developed robust data analysis skills using Pandas, Matplotlib, and Seaborn in Python.

**Child Fund Supporter: Supporter Number: A01221493 May 2023 - Present**

* Actively support Child Fund initiatives, demonstrating a commitment to social responsibility and community engagement.

# Education

**Professional Year Program (Information Technology) Jan 2025**

Queensland International Business Academy, Sydney Campus

**Bachelor of Software Engineering, Specialised in Artificial Intelligence Jan 2024**

Torrens University, Ultimo, NSW 2007

**Diploma in Information Technology & Advanced Diploma in Networking Feb 2021**

Ransford College, Parramatta, NSW 2150

# PROFESSIONAL AFFILIATIONS

**Australian Computer Society (ACS) – Member ID: 4400499 Joined: Feb 2024**

# REFERENCES

1. Fredro Harjanto, Owner, INCDESK
2. Sebastian Grandoli, Building Manager, Cove Apartments