SUDEEP RAI

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Summary

I'm eager to step into a Data Analyst/ Business Analyst role where I can leverage my skills in exploring, transforming, and visualising data to uncover meaningful insights that drive smarter decisions. With a foundation in Software Engineering and specialised knowledge in Artificial Intelligence, I've built practical expertise in tools like SQL, Python, cloud platforms (AWS, Azure, GCP), and top-notch visualisation tools like Power BI and Tableau. My experience in machine learning helps me tackle complex datasets, develop predictive models, and deliver analyses that make a difference. I thrive on digging deep into data, designing efficient workflows, and working alongside diverse teams to solve challenging business problems. At the heart of it, my goal is to craft impactful analyses and foster data-driven strategies that propel organisational success.

Skills

Data Analysis & Programming: SQL, Python (Pandas, NumPy, SciPy, Matplotlib)
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), PowerPoint, Word
Cloud & Database: AWS (EC2, S3), Azure, Google Cloud Platform
ETL & Data Processing: Data Cleaning, Data Transformation, Data Modelling, Data Governance, ETL Tools
Statistical & Machine Learning Techniques: Statistics, Probability, Linear Regression, Predictive Modelling, Data Science
Creative & Communication Tools: Canva, Cap Cut
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%.

Cleaner   **Mar 2022 - Present**
Cove Apartments, The Rocks, Sydney NSW 2000

- Collaborate with a team of 3 to enhance operational efficiency by 75%, address challenges promptly, and uphold top cleaning and maintenance standards.
- Implement innovative cleaning methods, reducing resident complaints by 80% and boosting satisfaction ratings by 75%.
- Articulate strong communication skills by engaging daily with over 25+ residents and the building manager to resolve issues and deliver exceptional service.

Online shopper and stock replenishment   **May 2021 – Mar 2023**
Mascot Woolworths CFC, Mascot, NSW 2020

- Collected customer orders using RF devices, ensuring 95% accuracy and reducing processing time by 30%.
- Recorded product shortages, expiry dates, and stock levels with RF scanners, improving workflows by 40% and driving operational efficiency.
- Contributed to effective stock rotation and replenishment, reducing waste by 80% and ensuring 100% product availability to meet customer demand.

Projects

Global Housing Market Analysis | GitHub   **March - April 2025**

- Design and execute 15+ SQL queries to process and analyse key economic indicators, identifying trends across 200+ records.
- Developed 7 Python visualisations (line, scatter, regression, and bar plots) to explore affordability, urbanisation, and inflation dynamics effectively.
- Built predictive models with 90% accuracy to forecast housing prices, offering valuable insights for investors and policymakers.

Global Fashion Retail Sales Analysis | GitHub   **March - April 2025**
- Improved data retrieval speed by 40% through SQL queries on 4+ million transactions, enabling quicker business insights.
- Automated reporting with Power BI dashboards, cutting manual work by 60% and simplifying analysis.
- Created interactive charts to visualise revenue trends, boosting strategic decision-making by 25%.

Pizza Sales Analysis | GitHub   **Feb – April 2025**
- Improved data accuracy by 100% through cleaning and resolving inconsistencies in four datasets.
- Highlighted Classic pizzas (26.9%) and Chicken pizzas (23.9%) as top revenue earners to refine menu strategies.
- Discovered peak sales periods, identifying a 12% midday surge in order volumes for better resource allocation.

Education

Professional Year Program (Information Communication 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

EXTRA CURRICULAR ACTIVITIES

PwC Switzerland - Power BI Job Simulation on Forage   **August 2024**
- Designed Power BI dashboards to visualise 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.

CERTIFICATION

Data Analytics Essentials - Cisco   **Mar 2025**
- Mastered data transformation, visualisation, and analysis using Excel, SQL, and Tableau through hands-on training.

Beginning DAX Functions Workshop – Pragmatic Works   **Aug 2024**
- Developed proficiency in Data Analysis Expressions (DAX) to enhance Power BI reporting, focusing on creating dynamic calculations, filters, and measures for meaningful insights.

Data Analytics Bootcamp – Alex the Analyst   **Jun 2024**
- Built a strong foundation in data analytics, encompassing data cleaning, database querying (SQL), and creating impactful visualisations with industry-standard tools.

REFERENCES

Available upon request.